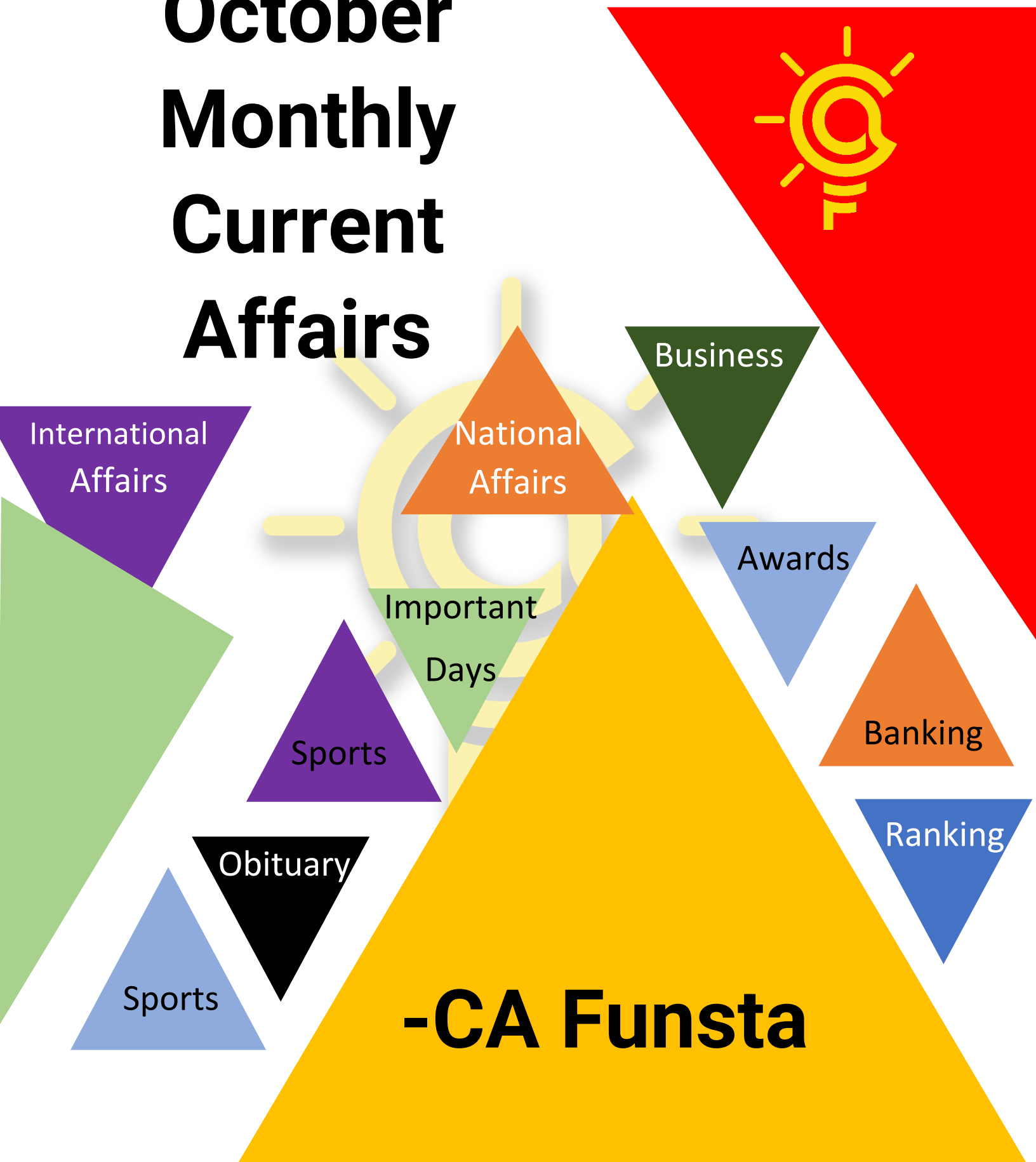


October Monthly Current Affairs



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IMPORTANT DAYS

NATIONAL IMPORTANT DAYS

<u>Date</u>	<u>Day</u>	<u>Theme</u>
October 1	20 th of Raising Day of Integrated Defence Staff	
October 8	88 th anniversary of Indian Air Force	
October 9	Indian Foreign Service Day	
October 13	The National Philately Day	
October 16	36 th Raising Day of National Security Guard	
October 21	Police Commemoration Day	
October 27	'Infantry Day	
October 31	Rashtriya Ekta Diwas	
	1st Raising Day of Ladakh	

INTERNATIONAL IMPORTANT DAYS

<u>Date</u>	<u>Day</u>	<u>Theme</u>
October 1	The International Day of Older Persons	Pandemics: Do They Change How We Address Age and Ageing?"
	International Coffee Day	
October 2	International Day of Non-Violence	
October 5	World Teachers' Day	Teachers: Leading in crisis, reimagining the future'.



	World Habitat Day	Housing For All – A Better Urban Future
October 7	World Cotton Day	
October 9	World Post day	"We Have Always Delivered"
	World Egg day(2 nd Friday)	
October 10	World Mental Health Day	
October 11	International Girl Child Day	"My voice, our equal future"
October 12	World Arthritis Day	Time2Work
October 14	World Standards Day	"Protecting the planet with standards"
October 15	World Students' Day	Learning for people, planet, prosperity and peace
	Global Handwashing Day	"Hand Hygiene for All"
	International Day of Rural Women	"Building rural women's resilience in the wake of COVID-19."
October 16	World Food Day	"Grow, Nourish, Sustain. Together. Our actions are our future."
October 17	World Trauma Day	
October 19	World cleanup day	
October 20	World Statistics Day	"Connecting the world with data we can trust"
October 24	The world polio day	"A win against polio is a win for global health."
	International Day Of Diplomats	

October 28	International Animation Day	
October 29	World stroke day	
	International Internet day	
October 31	World cities Day	Valuing our Communities and Cities
	World Thrift Day	

WEEKS AND MONTHS

<u>Week/Month</u>	<u>Day</u>	<u>Theme</u>
Oct 1 to 31	Breast Cancer Awareness Month	
October 2- 8	World Wild life week	
October 4-10	World Space Week	
October 9-15	National Postal week	
October 15 - 23	Intellectual Property Literacy Week	
International Food and Agri Week	16th to 22nd October	
Vigilance Awareness Week	October 27 to November 2	
`bird week'(Maharashtra)	November 5 to 12	
Global media and information literacy week	24 to 31 October	"Resisting Disinfodemic: Media and Information Literacy for everyone and, by everyone".

SPORTS

RETIREMENT

Cricket

- ❖ **Umar Gul** - Pakistan speedster
- ❖ **Tanmay Srivastava** - the highest scorer of U-19 World Cup in 2008

Football

- ❖ **Pablo Zabaleta** - Former Argentina and Manchester City full-back
- ❖ **Michel Vorm** - Former Tottenham Hotspur and Swansea City goalkeeper – Netherlands

Tennis

- ❖ **Julia Goerges** - Former Wimbledon semifinalist – Germany

Rugby

- ❖ **David Pocock** - Former Australia flanker and captain

BANNED OR SUSPENDED

Athlete

- ❖ **Christian Coleman** - Men's 100-meter world champion - banned for 2 years

GRAND PRIX

<u>Portuguese Grand Prix</u>		
<u>Rank</u>	<u>Person</u>	<u>Car</u>
1 st	Lewis Hamilton	Formula One

2 nd	Valtteri Bottas	The Mercedes
3 rd	Max Verstappen	Red Bull

<u>Teruel Grand Prix - Motorcycling</u>	
<u>Rank</u>	<u>Person</u>
1 st	Franco Morbidelli
2 nd	Alex Rins
3 rd	Joan Mir

frantic Eifel Grand Prix

<u>Rank</u>	<u>Player Name</u>
1 st Rank	Lewis Hamilton
2 nd Rank	Max Verstappen
3 rd Rank	Daniel Ricciardo

OTHERS

Cricket

- ❖ **Virat Kohli** - the fifth batsman and third Indian to hit 200 sixes in the Indian Premier League

Tennis

- ❖ **Alexander Zverev(Germany)** - Cologne Championship beat Diego Schwartzman(Argentina)

FRENCH OPEN

<u>Event</u>	<u>Champion</u>	<u>Runner-up</u>
Men's Singles	Rafael Nadal	Novak Djokovic
Women's Singles	Iga Świątek(Poland)	Sofia Kenin(America)
Men's Doubles	Kevin Krawietz & Andreas Mies	Mate Pavić & Bruno Soares
Women's Doubles	Tímea Babos & Kristina Mladenovic	Alexa Guarachi & sira Krawczyk
Mixed Doubles	Latisha Chan Ivan Dodig	Gabriela Dabrowski Mate Pavić

Golf

- ❖ **Jason Kokrak(Canada)** - CJ Cup to get PGA Tour title in 233rd try

Badminton

- ❖ **Nozomi Okuhara(Japan)** - the Denmark Open title - beating Carolina Marin(Spain) in women's singles

Chess

- ❖ **Indian chess player Leon Mendonca** - tournament in Hungary
- ❖ **Nihal Sarin** - the Chess.com's 2020 Junior Speed Online Championship - beating Alexey Sarana

Football

- ❖ **Robert Lewandowski** - UEFA men's Player of the Year award
- ❖ **Pernille Harder** - UEFA Women's Player of the Year award

Shooting

Sheikh Russel International Air Rifle Championship - organised by Bangladesh Shooting Sport Federation (BSSF)

<u>Prize</u>	<u>Player Name</u>
Gold	Elavenil Valarivan
Sliver	Shahu Tushar Mane
Bronze	Baki Abdullah Hel

Fifth edition of the International Online Shooting Championship

10m air rifle event

<u>Rank</u>	<u>Person</u>	<u>Country</u>
1 st	Visnu Shivaraj Pandian	India

2 nd	Etienne Germond	France
3 rd	Martin Strempl	Austria

10m air Pistol

<u>Rank</u>	<u>Person</u>	<u>Country</u>
1 st	Yashaswini Singh Deswal	India
2 nd	Ahmed Nabil	Egypt
3 rd	Yehya Shams	

Wrestling

- ❖ **Ritu Phogat** - third consecutive MMA championship title in Singapore over Nou Srey Pov

Boxing

Alexis Vastine International Boxing Tournament in Nantes, France

- ❖ **Amit Panghal** defeated American Rene Abraham under 52 category to win gold metal
- ❖ **Sanjeet(91kg)** defeated Frenchman Soheb Bouafia to win gold metal
- ❖ In the 75kg category, Asian silver-winner **Ashish Kumar** also claimed a gold after his opponent, American Joseph

Others

- ❖ **SAI + NRAI** = responsibility of conducting bio-secure national shooting camp in a secure environment
- ❖ **Japan** - host an international gymnastics tournament - November 8

OBITUARIES

Film Maker/ Producer

- ❖ **James Redford** - a film-maker, activist – USA
- ❖ **William Blinn** – Screenwriter - Emmy and a Humanitas Prize - USA
- ❖ **Vijay Reddy** - Eminent Kannada film director

Actor/Actress

- ❖ **Rhonda Fleming** - Hollywood actor
- ❖ **Zarina Roshan Khan** – Mumbai
- ❖ **Sean Connery** - James Bond in Dr. No. Sean Connery, most famous for his portrayal of James Bond

Singer/Musician

- ❖ **Shri Puliur Subramaniam Narayanaswamy** - Carnatic vocalist - Padma Bhushan(2003)
- ❖ **K J Mohammed Babu** - Playback singer, music director and actor
- ❖ **K Deep** - Punjabi folk singer
- ❖ **Mahesh Kanodia** - Veteran Gujarati film musician, singer and former Lok Sabha MP
- ❖ **Alexander Vedernikov** - chief conductor of the Royal Danish Orchestra and former music director at Moscow's Bolshoi Theatre – Russia
- ❖ **Eddie Van Halen** - guitarist
- ❖ **Rajan** - Kannada music composer

Writer/Author

- ❖ **Daniel Menaker** - an award-winning author of fiction and nonfiction and a longtime editor
- ❖ **Akkitham Achuthan Namboothiri** - Renowned Malayalam poet and Jnanpith laureate

Politician

- ❖ **Kapil Deo Kamat** - Senior Janata Dal (United) leader and Bihar Panchayati Raj Minister
- ❖ **Maruti Manpade** - Senior CPM leader
- ❖ **Gurupada Nanda** - Senior Congress leader
- ❖ **Nayani Narasimha Reddy** - Senior TRS leader and former Home Minister of Telangana
- ❖ **Vinayakdada Patil** - Former Maharashtra minister and senior Congress leader
- ❖ **Naresh Kanodia** - Veteran Gujarati film star-turned-politician
- ❖ **Keshubhai Patel** - Former Gujarat chief minister
- ❖ **Sukumar Hansda** - West Bengal Assembly Deputy Speaker
- ❖ **Mesut Yilmaz** - former Turkish prime minister and veteran politician
- ❖ **MLA Gurupada Mete** - Trinamool Congress
- ❖ **Rama Gopalan** - Hindu Munnani founder
- ❖ **Haji Hussain Ansari** - Jharkhand's minority welfare minister - leader of the Jharkhand Mukti Morcha.
- ❖ **Pradeep Maharathy** - Former Odisha Minister and veteran Biju Janata Dal MLA
- ❖ **Kailash Trivedi** - Congress legislator from Rajasthan
- ❖ **Dr Kartikeswar Patra** - Former Balasore MP and eminent writer
- ❖ **Ram Vilas Paswan** - consumer affairs, food and public distribution
- ❖ **K C Karunakaran** - Former CPI(M) MLA

- ❖ **CM Chang** - the Minister for Environment, Forest and Climate Change, and Justice and Law.
- ❖ **Sarat Kar** - Former Speaker of Odisha Legislative Assembly, distinguished writer and orator

Sports

Cricket

- ❖ **Najeeb Tarakai** – Afghanistan's Batsman
- ❖ **John R. Reid** - New Zealand's first victorious Test cricket captain
- ❖ **Kishore Bhimani** - Veteran sports journalist and cricket commentator

Football

- ❖ **Carlton Chapman** - Former Indian football captain

Others

- ❖ **Balwinder Singh Sandhu** - Shaurya Chakra awardee
- ❖ **Hiriyadka Gopal Rao** - Yakshagana artist and freedom fighter
- ❖ **Vijayalakshmi Ramanan** - The first woman commissioned officer of the Indian Air Force
- ❖ **Jaya C. Suvarna** - The former chairman of Bharat Cooperative Bank (Mumbai) Ltd. and founder-president of Rashtriya Billava Mahamandala
- ❖ **Shri Jashomatinandan Das Ji**- president of The International Society for Krishna Consciousness (ISKCON) temple, Ahmedabad and Zonal Secretary of ISKCON Gujarat
- ❖ **K. S. Subramanian** - a former director of the Asian Development Bank + founder trustee of the National Agro Foundation (NAF)
- ❖ **Lee Kun-hee** - Chairman of Samsung

- ❖ **K.A.Sengottuvelu** - president of Tamil Nadu Milk Producers Welfare Association
- ❖ **Pushpa Bhave** - Social Activist
- ❖ **K.V. Thiruvengadam** - renowned physician and teacher of medicine
- ❖ **Kenzo Takada** - the iconic French-Japanese fashion designer
- ❖ **Justice Anantkumar Surendraray** - former acting chief justice of Gujarat High Court
- ❖ **M. Gopalakrishnan** - Former chairman-cum-managing director of Indian Bank
- ❖ **KK Usha** - first woman chief justice of Kerala HC
- ❖ **CK Rajkumar** - entrepreneur and founder of Sujatha Bio Tech
- ❖ **Ashwani Kumar** - Former CBI chief
- ❖ **Mario Molina** - Mexican Nobel laureate
- ❖ **P.A. Mohammed** - Former High Court judge of Kerala
- ❖ **Ananthakrishna** - former Chairman and Chief Executive Officer of Karnataka Bank Ltd
- ❖ **Priscilla Jana** - Renowned Indian-origin South African human rights lawyer
- ❖ **Savithri Vaithi** - Renowned philanthropist and social worker
- ❖ **Sobha Naidu** - Renowned Kuchipudi dance exponent
- ❖ **Bhanu Athaiya** - India's first Oscar winner - Costume designer

RANKING

NATIONAL RANKING

Best mobile gaming experience in India - report by Opensignal

<u>Rank</u>	<u>State</u>
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1st Rank	Ahmedabad, Gujarat
2nd Rank	Navi Mumbai , Maharashtra
3rd Rank	Vadodara , Gujarat

Highest number of domestic tourists in 2019 - the Indian Tourism Statistics (ITS).

2020

<u>Rank</u>	<u>State</u>
1st Rank	Uttar Pradesh
2nd Rank	Tamil Nadu

NCRB Ranking

Road Accidents(2019)

<u>Rank</u>	<u>State</u>
1st Rank	Tamil Nadu
2nd Rank	Madhya Pradesh
3rd Rank	Uttar Pradesh

Accident Deaths(2019)

<u>Rank</u>	<u>State</u>
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1st Rank	Uttar Pradesh
2nd Rank	Maharashtra
3rd Rank	Madhya Pradesh

Crimes against women

<u>Rank</u>	<u>City</u>
1st Rank	Delhi
2nd Rank	Mumbai
3rd Rank	Bangaluru

Forbes India Rich List 2020

<u>Rank</u>	<u>Person</u>	<u>Amount</u>
1st Rank	Ambani	\$88.7 billion
2nd Rank	Gautam Adani	\$25.2 billion
3rd Rank	Shiv Nadar	\$20.4 billion

The table when it comes to attracting new investments - Projectx Survey data

<u>Rank</u>	<u>State</u>	<u>Amount</u>
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1st Rank	Chhattisgarh	Rs 35,771.3 crore
2nd Rank	Tamil Nadu	Rs 23,331.85 crore
3rd Rank	Karnataka	Rs 19,958.9 crore

- ❖ **Department of Fertilizers** - 2nd amongst the 16 Economic Ministries / Departments and ranked 3rd amongst the 65 Ministries / Departments – Released by DMEQ, Niti Ayog
- ❖ **Haryana** - Best Anemia Mukh Bharat (AMB) Index among 29 states in the country
- ❖ **NTPC** - top on the list of Indian PSUs under 'World's Best Employer 2020', published by Forbes
- ❖ **West Bengal** - top in the decline of dropout rate among school students during 2018-2020 - the Annual State of Education Report (ASER) 2020

INTERNATIONAL RANKING

Global Hunger Index 2020 – 107 Countries

<u>Rank</u>	<u>Country</u>
64th Rank	Sri Lanka
73rd Rank	Nepal
75th Rank	Bangladesh
78th Rank	Myanmar
88th Rank	Pakistan

94 th Rank	India
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Safest aerodrome globally for effective implementation of coronavirus-related health and safety protocols

<u>Rank</u>	<u>Airport</u>
1 st	Singapore Changi Airport
2 nd	Delhi's IGI Airport
	Frankfurt Airport
	Chengdu Shuangliu International Airport

Ookla

<u>Mobile Internet Speed – 138 Countries</u>	
<u>Rank</u>	<u>Country</u>
1 st	South Korea
2 nd	China
3 rd	United Arab Emirates
131 st	India

<u>Broadband ranking – 175 countries</u>

<u>Rank</u>	<u>Country</u>
1 st	Singapore
2 nd	Hong Kong
3 rd	Romania
70 th	India

Financial Times Executive MBA (EMBA) ranking 2020

<u>Financial Times Executive MBA</u>	
<u>Rank</u>	<u>College</u>
1 st	Kellogg/HKUST Business School
2 nd	Ceibs
3 rd	HEC Paris
53 rd	Indian School of Business
95 th	IIM Bangalore

Trust ranking - Counterpoint Research

<u>Rank</u>	<u>Company</u>
1st Rank	Nokia
2nd Rank	One Plus
3rd Rank	Samsung

Nation Brand Index (NBI) 2020 - Ipsos and Simon Anholt

<u>Rank</u>	<u>State</u>
1st Rank	Germany
2nd Rank	UK
3rd Rank	Canada
34 th Rank	India

**Global biotech employers for 2020 on the U.S-based 'Science' magazine's annual
'Science Careers Top 20 Employers' list**

<u>Rank</u>	<u>Company</u>	<u>Place</u>
1 st	Regeneron	Tarrytown, NY
2 nd	Incyte	Washington DC., USA
3 rd	Alnylam Pharmaceuticals	Cambridge
5 th	Biocon Limited	Bangalore, India

The list of highest-paid actress – Forbes

<u>Rank</u>	<u>Actress</u>	<u>Salary</u>
1st Rank	Sofia Vergara	\$43 million

2nd Rank	Angelina Jolie	\$35.5 million
3rd Rank	Gal Gadot	\$31 million

ICC women's T20 team rankings

<u>Rank</u>	<u>T20 Team Name</u>
1st Rank	Australia
2nd Rank	England
3rd Rank	India

'Most Dangerous Celebrity' list – McAfee

<u>Rank</u>	<u>Celebrity</u>
1st Rank	Cristiano Ronaldo
2nd Rank	Tabu
3rd Rank	Taapsee Pannu

IIFL Wealth Hurun India 40 & Under Self-Made Rich List 2020

<u>Rank</u>	<u>Name</u>	<u>Company</u>	<u>Amount</u>
1st	Nithin and Nikhil Kamath	Zerodha	Rs 24,000 crore
2nd	Divyank Turakhia	media.net	Rs 14,000 crore.

3rd	Amod Malviya, Vaibhav Gupta and Sujeet Kumar	Udaan	Rs. 13,100 Crore
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Passport Index - Arton Capital

<u>Rank</u>	<u>Country</u>
1st	New Zealand
2nd	Japan ,Germany, Austria, Luxembourg, Switzerland, Ireland, South Korea and Australia.
3rd	Sweden, Belgium, France, Finland, Italy, Spain
58th	India

- ❖ **Ravi Santhanam, CMO HDFC Bank** – 39th rank - the Forbes list of 'The World's Most Influential CMOs' - released by Forbes + Sprinklr + LinkedIn – 8th edition
- ❖ **Amitabh Bachchan** - the most trusted, prestigious and respected celebrity brand endorser in the country - According to the Indian Institute of Human Brands

AWARDS

NATIONAL AWARDS

<u>Person</u>	<u>Award Name</u>	<u>Category</u>	<u>Given by</u>	<u>Details</u>
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Anika Chebrolu	3M Young Scientist Challenge			discovery that could provide a potential treatment for Covid-19
Nityananda Nayak	prestigious Sarala Puraskar			Odia Poet
Global Himalayan Expedition	2020 UN Global Climate Action Award			efforts to combat climate change amid COVID-19
Dr Satish Mishra	"DrTulsi Das Chugh Award-2020"		National Academy of Medical Sciences (India)	
Andhra Pradesh	SKOCH awards 2020			the work done with the help of technological advancements during the Covid-19 pandemic
Rambabu Chegondi	Dr. A. V. Rama Rao Young Scientist Award-2019			significant research contributions in the area of

				'Organic Chemistry
The Chandigarh Housing Board	HUDCO Award for 2019-20			Best Practices to Improve the Living Environment
Tamil Nadu National Law University, Tiruchy	16th Nani Palkhivala moot court competition			
Minimol Varghese	the national award		FICCI	excellence in nursing care
Taraltech Solutions Private Limited	first National Start-Up Awards-2020	Urban Services category		
Wealthy Therapeutics		Health care category.		
Jackfruit365		'food processing' category		
Nava Design & Innovation		the 'agriculture - productivity' segment		
Kesra Ram	Dhahan Prize			for excellence in Punjabi Literature 2020

				for his collection of short stories Zanani Paud
Cochin Shipyard Limited	the Green Co Silver rating	first company in the shipping sector	CII	
Ezhacherry Ramachandran	Vayalar Award 2020			His creation 'Oru Virginian Veyilkalam' won him the honour
INS Sahyadri	Fleet Award Function (FAF), 2020	Capital ships		
INS Kora		Corvettes and similar classes of ships		
Indian Naval Ships Airavat and Kiltan		Best Spirited Ship'		
S.L. Bhyrappa	Dr. Kota Shivaram Karanth Huttoora Prashasti-2020			
J. Radhakrishnan	K.V. Thiruvengadam Award 2020		Rotary Club of Madras East	

			and Kauvery Hospital	
8 Beaches	Blue Flag certification			India becomes first nation
The North Delhi Municipal Corporation				bringing energy saving in street lighting system

Raksha Mantri Trophy for the Best Command Hospital for the year 2019 Presented by Defence Minister Rajnath Singh

<u>Rank</u>	<u>Hospital</u>
1st	Command Hospital (Air Force) Bengaluru
2nd	Command Hospital (Eastern Command) Kolkata

Vice Admiral Ajit Kumar of Western Naval Command - awards to naval officers

<u>Count</u>	<u>Awards</u>
one	Bar to Nausena Medal (gallantry)
three	Nausena Medals (gallantry)
three	Nausena Medals (devotion to duty)
three	Vishisht Seva Medals

one	Capt Ravi Dhir Memorial Gold Medal for promoting Flight Safety
one	Jeevan Raksha Padak for displaying courage and alacrity in saving life

National-level Ayush Sanjivani quiz contest on MyGov platform

<u>Prize</u>	<u>Name</u>
1st	Nisha Tamal
2nd	Dr. Mrinmayee, Rohit and Himanshu Gupta.
3rd	Emily Vasantha Manogary, Dr Nidhi Garg, Vedika Gupta, Pooja Goswami, and Anshu Tiwari.

Swachh Bharat Awards 2020

<u>Category</u>	<u>Winner</u>
Swachh Sundar Samudayik Shouchalaya category	Gujarat – State Level
	Tirunelveli in Tamil Nadu – District Level
	Khachrod block in Ujjain district in Madhya Pradesh – Block Level
	Chinnanur Village in Tamil Nadu - Gram Panchayat level
the Samudayik Shouchalaya Abhiyan	Gujarat and Uttar Pradesh – State Level

	Prayagraj and Bareilly – District Level
the Gandagi Mukth Bharat Mission	Haryana and Telangana

INTERNATIONAL AWARDS

<u>Person</u>	<u>Award Name</u>	<u>Given by</u>	<u>Details</u>
The Mangdechhu hydroelectric project	the prestigious Brunel Medal		excellence in civil engineering. Joint venture of India + Bhutan
Kaanthi , Ashok R. Nath	the best film	the India International Film Festival of Boston	
Shylaja P. Ambu	best actor (female)		
Om Puri	Lifetime Achievement Award		
Bilkis	The Quaid Millat Award		Honesty in Politics/Public Life, 2020
Dr A N Chandrasekaran	The Asia Pacific League of Association for Rheumatology Master Award 2020		in the field of rheumatology
Anamika S	Youth Icon Award		teach children through initiative



			named Ente Naatile Smart Class
Anzar Mustaeen, Bangladesh	a special prize of USD 1000 for his artwork		global art competition organised by ICCR
DBS Bank	'Safest Bank in Asia		
M R Rangaswami	2020 Global Service Award	Canada-India Business Council	launching Indiaspora and connecting the Indian diaspora globally
Ratan Tata	lifetime achievement award	The Indo-American Chamber of Commerce	
B. Rohith	United Nations WMO (World Meteorological Organisation) Research Award		his paper entitled 'Basin-wide sea level coherency
Rayana Edwards	Goldman Sachs and Fortune Global Women Leaders award 2020		
SpaceX	Pentagon award		missile tracking satellites
Sarah Hall	the BBC National Short Story Award		For The Grotesques - the first writer

	Earthshot Prize	UK	the most innovative solutions to some of the world's most pressing environmental challenges
Caritas India	Caritas India		best NGO for healthcare services during Covid-19
Kani Kusruti	BRICS best actress award		42nd Moscow International Film Festival
Harish Kotecha	Sandra Neese Lifetime Achievement Award		recognition of his work in the US for meeting the needs of children and youth experiencing homelessness
Mrs. Seema Gupta	GOLD Stevie® Award	LIFETIME ACHIEVEMENT-BUSINESS category	the 17th annual Stevie Awards for Women in Business. -Director (Operations) of POWERGRID

NOBEL PRIZES

<u>NOBEL PRIZE CATEGORY</u>	<u>NAME</u>	<u>COUNTRY</u>	<u>RESEARCH</u>
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NOBEL PRIZE IN PHYSIOLOGY	Harvey J Alter	USA	"For the discovery of the Hepatitis C virus"
	Charles M Rice		
	Michael Houghton	UK	
NOBEL PRIZE IN PHYSICS	Roger Penrose	UK	"For the discovery that black hole formation is a robust prediction of the general theory of relativity"
	Reinhard Genzel	Germany	"For the discovery of a supermassive compact object at the center of our galaxy"
	Andrea Ghez	USA	
NOBEL PRIZE IN CHEMISTRY	Emmanuelle Charpentier	France	"For the development of a method for genome editing"
	Jennifer A. Doudna	USA	
NOBEL PRIZE IN LITERATURE	Louise Gluck	USA	"For her unmistakable poetic voice that with austere beauty makes individual existence universal"
NOBEL PRIZE IN PEACE	World Food Programme	Rome, Italy	"for its efforts to combat hunger, for

			its contribution to bettering conditions for peace in conflict-affected areas and for acting as a driving force in efforts to prevent the use of hunger as a weapon of war and conflict."
NOBEL PRIZE 2020 IN ECONOMIC	Paul R. Milgrom & Robert Wilson	USA	"For improvements to auction theory and inventions of new auction formats."

50th Kerala State Film Awards

<u>Award</u>	<u>Winner</u>
Best Film	Vasanthi
Second Best Film	Kenjira
Best Actor	Suraj Venjaramoodu, Android Kunjappan Version 5.25 and Vikrithi
Best Actress	Kani Kusruti, Biriyani
Best Director	Lijo Jose Pellissery, Jallikattu

Best Character Actor	Fahadh Faasil, Kumbalangi Nights
Best Character Actress	Swasika, Vasanthi
Best Film with Popular Appeal and Aesthetic Value	Kumbalangi Nights
Best Children's Film	Nani
Best Screenplay (Original)	Rahman Brothers, Vasanthi
Best Screenplay (Adapted)	PS Rafeeqe, Thottapan
Best Child Artist (Male)	Vasudev Sajeesh Mara, Sullu and Kallanottam
Best Child Artist (Female)	Catherine Viji, Nani
Best Debut Director	Ratheesh Balakrishnan Poduval, Android Kunjappan Version 5.25
Best Music Director	Sushin Shyam, Kumbalangi Nights
Best Male Singer	Najim Arshad
Best Female Singer	Madhusree Narayanan
Best Editor	Kiran Das, Ishq
Best Cinematography	Prathap V Nair, Kenchira
Best Dubbing Artist – Male	Vineeth, Lucifer and Marakkar: Arabikadalinte Simham

Special Jury mention	Anna Ben for Helen, Nivin Pauly for Moothon and Priyamvada Krishna for Thottapan
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BANKING AND FINANCE

BANKING

Interest rates for small savings schemes

<u>Scheme</u>	<u>Interest Rate</u>
Public Provident Fund (PPF)	7.1 per cent
National Savings Certificate (NSC)	6.8 per cent
The five-year Senior Citizens Savings Scheme	7.4 per cent.
Savings deposits	4 per cent annually
Sukanya Samriddhi Yojana	7.6 per cent
Kisan Vikas Patra (KVP)	6.9 per cent
Term deposits of 1-5 years	5.5-6.7 per cent(Quarterly)
Five-year recurring deposit	5.8 per cent.

<u>Policy Repo Rate</u>	<u>4.00%</u>
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Reverse Repo Rate	3.35%
Marginal Standing Facility Rate	4.25%
Bank Rate	4.25%
CRR	3%
SLR	18.00%

RBI

- ❖ **RBI** - the risk weightage to LTV ratio for all new housing loans sanctioned up to March 31, 2022
- ❖ **RBI** - the payment operators must shift to interoperable Quick Response (QR) codes by March 2022
- ❖ **The Reserve Bank of India** - conduct on-tap TLTRO worth Rs 1 trillion to nudge credit growth.
- ❖ **RBI** - real-time gross settlement (RTGS) system available round the clock on all days from December 2020

PENALTY

<u>Amount</u>	<u>Organization</u>	<u>Reason</u>
Rs 22 lakh	DCB Bank	violating marketing norms
Rs 1 crore	Jio Payments Bank	over re-appointment of MD & CEO

Rs 4.5-cr	IndusInd Bank	non-compliance with its directions
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PUBLIC BANKS

State Bank of India

- ❖ **SBI + edX** - offer Massive Open Online Courses (MOOCs) on the platform
- ❖ **SBI + JBIC** - \$1 billion - manufacturers, suppliers and dealers of Japanese automobiles in India
- ❖ **State Bank Of India + Hindustan Unilever** = Provide easy access to credit to small retailers
- ❖ **NABARD + State Bank of India** = extend credit support for various projects in Gujarat

Punjab National Bank

- ❖ **Punjab National Bank** - financial inclusion and literacy initiative 'Gram Sampark Abhiyan' - commemorate the 150th birth anniversary of Mahatma Gandhi

Indian Bank

- ❖ **Indian Bank** - e-facility for restructuring of personal loans
- ❖ **Indian Bank + IIT-Madras Incubation Cell (IITMIC)** - an initiative IND Spring Board - funding start-ups
- ❖ **Indian Bank** - Kisan credit card loan scheme for fishermen in Tamil Nadu - loans of up to ₹2 lakh - 7 per cent interest rate



- ❖ **Indian Bank** - business mentoring programme 'MSME Prerana' - support MSMEs – launched by Finance Ministry
- ❖ **Indian Bank + the Ministry of Housing and Urban Affairs + SIDBI** - payment of subsidy to street vendors under the Centre's SVANidhi Scheme

Bank of Baroda

- ❖ **Bank of Baroda + Mahindra & Mahindra** - tractor finance business to boost to agri business and will help farmers
- ❖ **Bank of Baroda + Toyota Kirloskar Motor (TKM)** = enable finance options for the automaker's customers and dealers
- ❖ **Bank of Baroda** - the third edition of 'Baroda Kisan Pakhwada' - to promote agri-focussed schemes under Atmanirbhar package
- ❖ **Bank of Baroda** - offers for home and car loan borrowers

PRIVATE BANKS

Catholic Syrian Bank

- ❖ **CSB Bank + IIFL Finance** - offer gold loans in untapped locations, including rural areas

HDFC Bank

- ❖ **Tata Motors + HDFC Bank** - 'Gradual Step Up Scheme' and 'TML Flexi Drive Scheme' for financing of passenger vehicles
- ❖ **HDFC Bank** - cashback offers and other incentives for small and medium-sized merchants across the metro, semi-urban and rural markets

- ❖ **HDFC Bank** - a month-long mega online property show 'India Homes Fair' to woo NRIs
- ❖ **HDFC Bank + Apollo Hospitals** - healthcare solution called the HealthyLife programme - will be accessible from anywhere

ICICI Bank

- ❖ **ICICI Bank** - the services that would enable its customers to create fixed deposits, pay utility bills and access details of trade finance instantly on WhatsApp

Lakshmi Vilas Bank

- ❖ **Lakshmi Vilas Bank** – receive an indicative non-binding offer from Clix Group

IDBI Bank

- ❖ **IDBI Bank** - launch of banking services on WhatsApp include account balance information, last five transactions and request for cheque book

Kotak Mahindra Bank

- ❖ **Kotak Mahindra Bank** - year's festive season celebrations to woo borrowers

INSURANCE

- ❖ **Canara HSBC Oriental Bank of Commerce Life Insurance** - a new Unit Linked insurance plan (Ulip) titled 'Invest 4G'
- ❖ **PayPoint** - free personal accident insurance to migrant workers - Finance protection of up to Rs 50,000
- ❖ **Reliance General Insurance + SatSure** = satellite-based crop monitoring and predictive analytics support to better risk management and improve efficiency of its crop insurance business operations

- ❖ **Max Life Insurance** - 'Buy Now – Pay at Approval' feature - the customer while purchasing online policies
- ❖ **PhonePe + Bajaj Allianz General Insurance** = insurance products for private cars and two-wheelers
- ❖ **Irdai** - a standard individual term life insurance product named "Saral Jeevan Bima"- Rs. 5-25 Lakh – age 18-65

PAYMENTS BANK

- ❖ **Fino Payments Bank** - human ATM' to move will bring services closer to people

SMALL FINANCE BANK

- ❖ **Janalakshmi Small Finance Bank** - sponsor bank for Ashoknagar Co-operative Bank

CARD NEWS

- ❖ **SBI Card + Delhi Metro** = can function as a credit card as well as a metro smart card named 'Delhi Metro SBI Card' - insurance cover – Rs. 50000
- ❖ **NPCI** - 'RuPay Festive Carnival' to provide discounts up to 65% on purchase of various branded items using RuPay card
- ❖ **BOB Financial Solutions Ltd(BFSL) + the Institute of Company Secretaries of India(ICSI)** = an exclusive co-branded credit card for Company Secretaries (CS).
- ❖ **Vistara + Axis Bank** - a co-branded forex card that can load up to 16 currencies

- ❖ **ICICI Bank** - a debit card facility for those customers availing the loan against securities (LAS) - maximum daily transaction limit of Rs. 3 lakh
- ❖ **Axis Bank + Google Pay + Visa** = ACE Credit Card in India
- ❖ **EarlySalary + NPCI** = zero-touch digital card named 'Salary Card' - powered by RuPay to meet rising demand for digital credit
- ❖ **IKEA + Citibank India + Mastercard** = 'IKEA Family Credit Card by Citi'.

PAY NEWS

- ❖ **"Stellapps"** - The IIT-Madras incubated dairy-tech startup - MooPay - a first-of-its-kind, fully-automated direct payment platform for dairy farmers in Rajasthan.
- ❖ **Vivifi India Finance** - FlexPay - a payment option that offers credit using the Unified Payments Interface (UPI).

WORLD BANK

<u>Amount</u>	<u>Purpose</u>
\$75 mn (IFC)	Indospace Logistics to develop industrial parks
USD 4 billion(IFC)	private sector businesses in the poorest countries to help fight the coronavirus pandemic

ASIAN DEVELOPMENT BANK

<u>Amount</u>	<u>Purpose</u>
\$177 million	upgrade 450 kilometers (km) of state highways and major district roads in the state of Maharashtra



USD 346 million	to help provide efficient and reliable power supply to rural agriculture customers in Maharashtra
\$270 million	to improve urban services in 64 Madhya Pradesh small cities
300-million	water supply, sanitation projects for Rajasthan
\$200m	support Xiangtan's low-carbon, smart city development
\$100m	support reform of early childhood education in Shangrao

NABARD

Amount	Purpose
₹ 8504.30 lakh	Government of Goa for various Social Infrastructure Projects in the State
Rs 20.00 crore	The Goa State Cooperative Bank Ltd towards working capital requirements of Societies and Primary Agriculture Credit Societies
Rs 12,298 crore	Swachh Bharat Mission

IMF

Amount	Project Name
\$156 million	Cameroon to finance Covid-19 response

NDB

Amount	Project Name
USD 500 million	Delhi-Ghaziabad-Meerut Regional Rapid Transit System (RRTS) Project
USD 241 million	Mumbai Metro Rail II (Line 6) Project

EIB

Amount	Project Name
€25 million	Minoryx Therapeutics for research activities
€50 million	Navarre to boost health respond to COVID-19

OTHERS

- ❖ **BSE + Telangana + GlobalLinker** - help micro, small and medium enterprises (MSMEs) raise equity funds
- ❖ **Mastercard + Atlantis** - the expansion of the Digital First Program in India
- ❖ **BSE + ICCI** = support small and medium enterprises (SMEs) and start-ups, and promote their listing on the exchange
- ❖ **BharatPe + Safegold** - digital platform that allows customers to buy, sell and receive vaulted gold
- ❖ **LIC Housing Finance Ltd** - "Project RED" - improve efficiencies at every level of the organisation
- ❖ **Mastercard + CAIT + Indian NGO ACCESS** = the Small Business Support Coalition

BUSINESS AND ECONOMY

FLIPKART

- ❖ **J&K Govt + Flipkart** = provide platform for local artisans, craftsmen, weavers to reach customers worldwide

Microsoft



- ❖ **Microsoft + AICTE** = provide online course modules to students across the country
- ❖ **Arm has + Microsoft** - Azure-based tools to enable developers transfer data from Arm-based IoT devices to Azure Cloud
- ❖ **Microsoft + NSDC** - to empower women in India with digital skills

OTHERS

- ❖ **Wipro + SAP** = offer advanced customer-specific content and training assets and boost productivity
- ❖ **Vodafone Idea Ltd + NASSCOM Foundation + Sayfty Trust + UN Women** - 'MyAmbar' - women safety
- ❖ **Wipro + SAP SE** - co-innovate on cloud-based solutions for the real estate industry
- ❖ **IBM + Indian Oil Corporation Ltd (IOCL)** - transform the latter's customer experience using digital tools
- ❖ **Grasim + Lubrizol** - set up India's 'largest' CPVC resin plant
- ❖ **Hindustan Aeronautics Ltd + Tech Mahindra** - Rs 400 crore - implementation of Enterprise Resource Planning (ERP) to support HAL's 'Project Parivartan'
- ❖ **Yamaha + Amazon India** - sell apparels, accessories online
- ❖ **Mitron TV** - 'Atmanirbhar Apps' to promote homegrown apps
- ❖ **NASSCOM FutureSkills + DeakinCo.** - offer free courses in communication for skilling, reskilling and upskilling programmes in India
- ❖ **Prasar Bharati + IFFCO** - broadcast and promote new agriculture technology and innovations
- ❖ **CII-IGBC + Naredco** = to accelerate the country's green buildings movement
- ❖ **Lancet** - India will become the world's third largest economy by 2050
- ❖ **Zoho + Dubai Economy** - make enterprise-level technology available for all businesses in Dubai and support their digital transformation

ACQUISITION AND MERGERS

❖ **Flipkart** - acquire 7.8% stake in Aditya Birla Fashion for Rs 1,500 crore

Reliance Retail Ventures Ltd

Company	Stake %	Amount
Mubadala	1.40%	₹ 6,247.5 Crore
TPG	0.41%	₹ 1,837.5 crore
GIC	1.22%	₹ 5,512 crore
Abu Dhabi Investment Authority	1.2%	Rs 5,512 crore

Book and Authors

<u>Book</u>	<u>Author</u>	<u>Published</u>	<u>Released by</u>
"TB Harega, Desh Jeetega"			Nagaland state Minister for Health and Family Welfare
'Portraits of Power: Half a Century of Being at Ringside'	N K Singh		Shaktikanta Das
'Night of the Restless Spirits'	Sarbpreet Singh	Penguin	
"Bye Bye Corona"	Dr Pradeep Srivastava	Vigyan Prasar of DST	Ms. Anandi Ben



the Indian Infrastructure Body of Knowledge (InBoK)			Nitin Gadkari
A Practical Approach to Diagnosis and Management of Equine Colic	Dr Simrat Sagar Singh + Dr Arun Anand	Jaya Publishing House, Delhi	Dr Inderjeet Singh
Unfinished	Priyanka Chopra Jonas	Penguin Random House India	
Discovering the Heritage of Assam			Dr Jitendra Singh
Deh Vechwa Karani (dedicating one's life for a noble cause')			Prime Minister Narendra Modi
Bhrigu and The Palace Of Mirror	Soumitra Ranade	Hachette India	
C is for Cat and D is for Depression	Kairavi Bharat Ram	-	

APPOINTMENTS

NATIONAL APPOINTMENTS

<u>Name</u>	<u>designation</u>	<u>Organization</u>	<u>Replaced</u>
Ajay Kumar Bhalla	secretary	Home Ministry(extended up to August 22, 2021)	
Lt Gen Nanda Kishore Sahoo	Director General	Dental Services and Colonel Commandant of Army Dental Corps	
Shashi Kiran Shetty	Chairman of the Society and Board of Governors	National Institute of Industrial Engineering	
B L Bhat	Chairperson	the National Company Law Appellate Tribunal extended till December 31	
Yashvardhan Kumar Sinha		country's next Chief Information Commissioner	



Jishnu Barua	new chief secretary	Assam	Kumar Sanjay Krishna
Kewal Kumar Sharma	Election Commissioner	Jammu & Kashmir	
PVG Menon	CEO	ESSCI	N.K. Mohapatra
Harpreet A De Singh	first woman in CEO	Alliance Air	
Captain Nivedita Bhasin	ED (flight safety)		
Piyush Goyal	Ministry	Consumer Affairs, Food and Public Distribution	Ram Vilas Paswan
Sanjeev Krishan	chairman and CEO	PwC India	Shyamal Mukherjee
Gurdeep Singh	CMD	NTPC(till 31 July 2025)	

INTERNATIONAL APPOINTMENTS

<u>Name</u>	<u>designation</u>	<u>Organization/Country</u>	<u>Replaced</u>
Jacinda Ardern	Prime Minister	New Zealand	

Saad Hariri	Prime Minister	Lebanon	
Apurva Chandra	Chairperson	the Governing Body of the International Labour Organisation (ILO)	
GYV Victor	first chairman	newly formed Bangladesh India Mediators Forum	
Wavel Ramkalawan	President	Seychelles	
Sheikh Meshaal Al-Ahmed Al-Jaber Al-Sabah	crown prince	Kuwait	-
Bishr al-Khasawneh	Prime Minister	Jordan	
Srikant Datar	Dean	Harvard Business School	Nitin Nohria
Sadyr Japarov	Prime Minister	Kyrgyzstan	

AMBASSADORS/HIGH COMMISSIONERS

<u>Name</u>	<u>Designation</u>	<u>Country/ Organization</u>
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Sushil Kumar Singhal	the next High Commissioner of India	The Solomon Islands
Devyani Uttam Khobragade	India's next ambassador	Cambodia
Manoj Kumar Bharti	India's next ambassador	Indonesia

BRAND AMBASSADORS

<u>Name</u>	<u>Organisation</u>
Rohit Sharma	healthcare company Dr Trust
Chetan Anand	'Transform'
Amitabh Bachchan	Cello Group

BANKING APPOINTMENTS

<u>Name</u>	<u>Designation</u>	<u>Bank</u>	<u>Replaced</u>
Rajkiran Rai G	Chairman	Indian Banks' Association	Rajnish Kumar
Siddhartha Mohanty	Managing Director	Life Insurance Corporation (LIC)	

Charanjit Attra	CFO	State Bank of India	
Puri Buch	whole-time member(1 year extended)	SEBI	
Arvind Hali	MD & CEO	Motilal Oswal Home Finance Limited	
Amar Bahl	the Deputy Managing Director & COO		
Dinesh Kumar Khara	Chairman	SBI	Rajnish Kumar
RK Chhibber	Chairman and Managing Director	Jammu & Kashmir Bank(6 months extended)	
J Venkatramu	MD and CEO	India Post Payments Bank	
M Rajeshwar Rao	deputy governor	RBI	NS Vishwanathan

COMMITTEE

<u>Person name</u>	<u>Committee</u>	<u>Board</u>	<u>Members</u>
M B Loku	to monitor stubble burning in Uttar		



	Pradesh, Punjab and Haryana in wake of rising air pollution in the Delhi-National Capital Region (NCR).		
Madhabi Puri Buch	recommend appropriate policy for access to securities market data	SEBI	
P Umesh	explore possibility of a basic standard product structure to provide insurance cover for individuals and establishments to manage their cyber risks	IRDAI	
Harish Kumar + Umesh Sinha	to examine the issues concerning expenditure limit for a candidate in view of increase in number of electors		2

	and rise in Cost Inflation Index and other factors		
Edappadi K Palaniswami	expeditious investment facilitation and single-window clearances clearances cleared 23 industrial projects with investments of Rs 25,213 crore .	Tamil Nadu	
Rajiv Kumar	to review the urban planning education system in India and examine the availability, demand and supply of qualified urban planners in the country	NITI Aayog	14-member
Narendra Modi	commemorate the 400th birth anniversary of Shri Guru Tegh Bahadur		70-member

	introducing reforms in urban planning education system in India	The Union government	14
Ajay Kumar Bhalla	screen all Chinese foreign investment proposals those considered "non-controversial" could be approved	Government	
Ashima Goyal, Shashanka Bhide, Jayanth Varma	the central bank's panel that decides interest rates	government	3
Josh Foulger	to address technology gaps in Indian mobile phone and electronics manufacturing sector	ICEA	
Amitabh Kant	to spearhead research and study on energy modelling in India	government	

Rajiv Gauba	to streamline telecom spectrum allocation.	Government	
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OTHERS

Name	designation	Organization	Replaced
Air Chief Marshal (Retd) B S Dhanoa	non-executive and independent director	Hero MotoCorp	
Sanjay Bhan	Head of Global Business		

Science and Technology

IIT IN NEWS

IISC BENGALURU

- ❖ **IISc Bangaluru + IndianOil R&D** - hydrogen generation technology for producing fuel cell-grade hydrogen at an affordable price
- ❖ **IISc Bangaluru** - nanomotors can help in early detection of cancer cells

IIT MADRAS

- ❖ **IIT Madras + the Tamil Nadu Science and Expertise Centre** = collectively conduct 'Shaastra Juniors

- ❖ **IIT Madras + MIT** = develop productive usage of agricultural and industrial by-products
- ❖ **IIT Madras** - a food wrapping material to prevent packaged food contamination by bacteria + reduce the plastic waste generated in the environment when disposing the wrappers

IIT DELHI

- ❖ **CRPF + IIT Delhi + DRDO** = create a pool of officials who will work to find technology solutions for its operational challenges
- ❖ **E-TEX and Clensta, IIT Delhi** - launch an antiviral protection kit for masses - E-TEX Kawach Antiviral T-Shirt and Kawach Mask.
- ❖ **IIT Delhi incubated startup Nanosafe Solutions** - a range of antimicrobial water storage container based on the inherent antimicrobial properties of copper
- ❖ **IIT Delhi + DAKSH Society, Bengaluru** - establish the DAKSH Centre of Excellence (CoE) for Law and Technology

IIT KHARAGPUR

- ❖ **IIT Kharagpur** - diagnostic Machine COVIRAP used to Covid-19 detection.
- ❖ **IIT Kharagpur** - a novel Industry 4.0 technology - remotely controlled factory operations and real-time quality correction during industrial production in India's advanced manufacturing sector
- ❖ **IIT Kharagpur** – iMediX - a telemedicine system for Corona Care from Home

IIT HYDERABAD

- ❖ **IIT Hyderabad** - neem oil encapsulated electrospun polyurethane nanofibrous bags for seed storage

IIT Guwahati

- ❖ **IIT Guwahati + Berger Paints** = alcohol-free surface disinfectant can stay active on a variety of surfaces for an extended period of hours, and fight off bacteria and COVID-like viruses
- ❖ **IIT Guwahati** - a low-cost membrane technology to produce psychoactive drugs and anti-aging compounds from wide range of agricultural resources

IIT Jodhpur

- ❖ **IIT Jodhpur + National Highway Authority of India** - to share their expertise for betterment of highway infrastructure

IIT MANDI

- ❖ **IIT Mandi** - environmentally safe and cost-efficient catalysts - enable industrial chemical reactions

IIMS

- ❖ **IIM Kozhikode** - an e-learning hub and library - pilot project for villagers in Mavoor

IIITs

- ❖ **NDMA + IIIT Hyderabad** = a Rapid Visual Screening (RVS) Primer for better insight into structural safety in the wake of earthquake risks
- ❖ **Intel + PHFI + Telangana government + IIIT Hyderabad** = new 'Applied Artificial Intelligence (AI) Research Centre' - focus on leveraging AI to solve challenges in key sectors

OTHERS NEWS IN SCIENCE AND TECHNOLOGY

APPS

- ❖ **IIT Guwahati hyperlocal-tech startup Sahara** - a mobile application - offline business owners create synergy with customers and potential business partners
- ❖ **Atom360 + AIIMS Delhi and Bhubaneswar** - Berry Care - to detect suspicious lesions in the mouth, which could indicate oral cancer

ROBOTS

- ❖ **Milagrow** - Milagrow Seagull - real-time progress and map while cleaning on the user's device.
- ❖ **IIT Kharagpur** - a robotic system - capable of identifying the diseases plaguing plants through camera-captured image analysis
- ❖ **Kochi-based Startup ASIMOV Robotics** - Sayabot - used to check body temperature of visitors/customers and dispensing sanitiser at the same time.

MASK

- ❖ **Massachusetts Institute of Technology** - a novel face mask that can not only filter out the SARS-CoV-2 virus, which causes COVID-19

Covid-19 Tests

- ❖ **National University of Singapore** - a breath test to detect COVID-19 within a minute
- ❖ **TCM Ltd** - a commercial basis 'Covi-Detect' brand RT-PCR test kits – Developed by IIT Delhi
- ❖ **Singapore** - a breath test to detect COVID-19 within a minute
- ❖ **IAVI + Serum Institute + Merck** - develop coronavirus neutralising antibodies.
- ❖ **Agappe Diagnostics** - launch cheaper, more accurate COVID test kit
- ❖ **Reliance Life Sciences** - R-Green Kit - RT-PCR kit that promises diagnosis of COVID-19 infection in about 2 hours

- ❖ **Drexel University** - a tool that can quickly detect and label SARS-CoV-2 mutated versions
- ❖ **POSTECH** - a new method that allows anyone to easily and quickly detect Covid-19 in just 30 minutes - The SENSR technology
- ❖ **The Jamia Millia Islamia University** - a saliva-based testing kit - detect COVID-19 which can display results within an hour
- ❖ **University of Oxford** - a rapid COVID-19 test able to identify the coronavirus in less than five minutes
- ❖ **New York University** - a new method - test for virus and antibodies using holographic images

CORONA DEVICES

- ❖ **Log 9 Materials** – CoronaOven - disinfects from germs including bacteria and viruses.
- ❖ **AirOk** - Vistar air purifiers - filter out major pollutants and gaseous substances

SPACE NEWS

- ❖ **NASA robotic spacecraft Osiris-Rex** - descend to an asteroid dodging boulders the size of buildings, momentarily touched the surface to collect a handful of cosmic rubble for return to Earth
- ❖ **India** - earth observation satellite EOS-01 from the spaceport of Sriharikota in Andhra Pradesh
- ❖ **ISRO** - schedule to launch its Venus mission in 2025 –France participated in it
- ❖ **NASA** - SS Kalpana Chawla Cygnus spacecraft to International Space station - Antares rocket for NG-14 mission
- ❖ **NASA Nano Satellite India Sat** - Developed by Three Tamil Nadu Students into Sub-orbit. – M. Adnaan + M. Kesavan + V. Arun

- ❖ **A Russian Soyuz spacecraft** - 3 cosmonauts blasted off from the Baikonur cosmodrome in Kazakhstan to International Space Station

WEBPORTAL

- ❖ **NIT Warangal** - Pickmycloth' - weavers to sell their products directly to customers.

INSITUTION

- ❖ **University of Texas** - two molecules named SARS-CoV-2-PLpro that inhibit the molecular "scissor" enzyme used by the coronavirus
- ❖ **University of Birmingham** - a project to develop household sprays and other products that can help in the prevention of the novel coronavirus
- ❖ **S. N. Bose National Centre for Basic Sciences** - new "BreathPrint" - detecting ulcer-causing gastric pathogen.
- ❖ **Turtle Shell Technologies** – Dozee - help in access to better healthcare by providing accurate diagnosis of conditions.
- ❖ **Indira Gandhi Krishi Vishwavidyalaya** - a portable soil testing kit- help farmers determine nutritional content of soil on their land

SCTIMST

- ❖ **SCTIMST** - a novel Powered Air Purifying Respirator (PAPR) that can help filter air used for inhalation

CSIR

- ❖ **CSIR-CMERI** - a Municipal Solid Waste Processing Facility that has helped in achieving decentralised decimation of solid wastes

- ❖ **Raymold Luminaires + CSIR-CSIO** - develop ultraviolet germicidal irradiation (UVGI) products and systems
- ❖ **Dynamatic Technologies Ltd + CSIR-CSIO** - designing, developing and manufacturing futuristic solutions for the defence and aerospace, healthcare and agriculture industry
- ❖ **CSIR's Institute of Himalayan Bioresource Technology** - improved beehive for quality and hygienic extraction of honey
- ❖ **Central Food Technological Research Institute, Mysore** - manufacturing of ginger paste
- ❖ **CSIR-CMERI** - High Flow Rate Water Purification Technology - Fluoride and Iron Removal

Others

- ❖ **Pasagada Hemanjani, Andhra Pradesh** - 'auto sanitiser gloves' - could disinfect objects and surfaces effortlessly
- ❖ **TAM Media Research** - analytical tool named CRISP - gauge and understand the consumer reviews and sentiments for marketers -CRISP - Consumer Reviews & Influencer Sentiments for Brand Performance
- ❖ **BDR Pharmaceuticals** - the generic version of Lenvatinib drug for the treatment of various types of cancers in India.
- ❖ **Researchers in England** - a model that can calculate a person's risk of contracting the coronavirus and getting critically affected by it
- ❖ **Netherlands scientists** - a potential new organ in the human throat that they stumbled upon while carrying out research on prostate cancer
- ❖ **CCMB incubated startup Clone Deals** - mushroom-based immunity booster CoronAid to fight COVID-19.
- ❖ **OralScan** - hand-held imaging device for screening, detection and biopsy guidance of oral cancer

- ❖ **Maruti Suzuki India + Microsoft**- a smartphone-based technology for testing applicants seeking driver's license - HAMS (Harnessing Automobile for Safety)
- ❖ **Synchron** - brain-computer that allows patients with severe paralysis to text, email, shop
- ❖ **International League of Dermatological Societies + the American Academy of Dermatology** - a new coronavirus symptom named COVID toes on feet
- ❖ **IBM + Pfizer** - an artificial intelligence (AI) model that can help predict Alzheimer's disease in healthy people before symptoms develop
- ❖ **IGCAR, Kalpakkam** - a thermal-imaging technology for easy detection of breast cancer
- ❖ **ICMR + Hyderabad-based biopharmaceutical company** = "highly purified antisera" prepared by injecting inactivated SARS-CoV2 in horses
- ❖ **IPFT + ICAR – NRCSS** - a new bio-pesticide formulation - helps in controlling various insects in seed spice crops
- ❖ **Gujrat State Fertilizers and Chemicals India Ltd** – manufacture indigenous variety of Calcium Nitrate' & 'Boronated Calcium Nitrate' - Shipping ministry launched
- ❖ **National Institute of Technology, Trichy + C-DAC** = installing a state of the art super computer
- ❖ **National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram** - dehumidified drier for food and agri products and agricultural waste (wheat bran, sugarcane bagasse and fruit peels) based biodegradable plates, cups and cutleries

INTERNATIONAL AFFAIRS

JAPAN

- ❖ **Japan Coast Guard** - unmanned aerial vehicle SeaGuardian - the coast of Sanriku in northeastern Japan
- ❖ **Japan** - to target zero emissions by 2050 to fight climate change
- ❖ **India + Japan** - cooperation in the field of Information and Communication Technologies
- ❖ **India + Japan** = the field of cybersecurity
- ❖ **Japan** - anti-submarine exercise - South China Sea with three vessels

RUSSIA

- ❖ **Russia** - successfully tested the new Zircon hypersonic cruise missile - range of 1,000 kilometers
- ❖ **Russia** - second coronavirus vaccine EpiVacCorona - after early-stage trial - developed by the Vector Institute in Siberia

Portugal

- ❖ **India + Portugal** = to boost cooperation in areas of defence and security, trade, and migration and mobility partnership

Kazakhstan

- ❖ **India + Kazakhstan** - exploring widening defence partnership including joint production as well as opening a new chapter in the heavy engineering sector

Germany

- ❖ **Germany** - allocate 2 million euros (over USD 2.3 million) to provide Azerbaijan's breakaway region of Nagorno-Karabakh with humanitarian aid

UAE

- ❖ **Dubai, UAE** - a facial recognition system on public transport to beef up security



- ❖ **Dubai, UAE** - unveil world's largest fountain

USA

- ❖ **The United States** - approve the potential sale of three weapon systems to Taiwan - USD 1.8 billion
- ❖ **India + USA** - sign BECA agreement during 2+2 dialogue to facilitate exchange of sensitive information
- ❖ **USA + India** = USD 1.9 million =to support vulnerable populations like informal sector workers whose livelihoods have been disrupted due to COVID-19

CHINA

- ❖ **China** - officially joined the World Health Organization's (WHO) COVAX alliance - equitably distribute COVID-19 vaccines around the globe
- ❖ **China** – grant 90 million to Sri Lanka after visit by top official
- ❖ **China** - military style labour policy for Tibet replicating Xinjiang model

CANADA

- ❖ **Canada** - banned - bags, straws and four other single-use plastic items by the end of 2021

North Korea

- ❖ **North Korea** - intercontinental ballistic missiles named Monster at military parade

Maldives

- ❖ **The EXIM Bank of India + Maldives** - \$ 400 million - funding the Greater Male Connectivity Project (GMCP)

Pakistan

- ❖ **Pakistan** - in grey list of global terror financing watchdog- FATF till February 2021

- ❖ **Pakistan** - polio-free country -According to WHO

Cambodia

- ❖ **India + Cambodia** - on cooperation in the field of health and medicine

Australia

- ❖ **India** - announce Australia joins the annual Malabar naval exercises with the United States and Japan
- ❖ **India + Australia** - promote cooperation in surface and groundwater training, education and research to achieve water security

Taiwan

- ❖ **India +Taiwan think tanks** - to foster cooperation in Indo-Pacific region

Papua New Guinea

- ❖ **The Institute of Chartered Accounts of India (ICAI) + the Certified Practising Accountants of Papua New Guinea** - capacity building and strengthening the Accounting, Financial and Audit Knowledge base in the country

Bangladesh

- ❖ **Bangladesh** - no service will be provided to people who don't wear masks
- ❖ **Bangladesh** - a mega scheme to dredge 10,000 kilometres of riverways in the country to improve inland river navigability

Myanmar

- ❖ **India** - deliver a kilo class submarine INS Sindhuvir to Myanmar Navy as part of defence cooperation

SINGAPORE

- ❖ **Singapore** - the world's first country to use facial verification in its national ID scheme

SUMMITS

- ❖ **India** - hosts virtual Summit of Ministers of Justice of Shanghai Cooperation Organisation - Law and Justice Minister Ravi Shankar Prasad participated
- ❖ **India** - participate in 18th edition of the meeting of Prosecutors General of SCO via video conference -Representing India, Solicitor General Tushar Mehta
- ❖ **India** - the Chairmanship of the Governing Body of International Labour Organization
- ❖ **India** - 19th Meeting of SCO Ministers of Foreign Economy & Foreign Trade
- ❖ **Russia** - host 5th BRICS Young Diplomats Forum to build bonding
- ❖ **India + UK** - establish a bilateral Sustainable Finance Forum - 10th India-UK Economic and Financial Dialogue
- ❖ **Russia** - BRICS Parliamentary Forum to be held in virtual format
- ❖ **External Affairs Ministry** - The 8th India-Mexico Joint Commission Meeting was held through Video-Conference
- ❖ **12th edition of BRICS Summit** – November 17 –“BRICS Partnership for Global Stability, Shared Security and Innovative Growth”.
- ❖ **2021 Davos summit** - Lucerne, Switzerland - The World Economic Forum announced - Theme : "The Great Reset"

Cyclone

- ❖ **Typhoon Molave** – Vietnam

EXERCISES

<u>Exercise Name</u>	<u>Edition</u>	<u>Armed Forces</u>	<u>Countries</u>	<u>Place</u>
SLINEX-20	8th	Navy	India + Sri Lanka	Trincomalee, Sri Lanka
Bongosagar	2	Navy		

Coordinated Patrol (CORPAT)	3	Navy	India + Bangladesh	Northern Bay of Bengal
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OTHERS

- ❖ **Vice Chief of the Army in India Lt Gen SK Saini** - visit US Army 25th Infantry Division Lightning Academy and interacted with the troops there
- ❖ **USAID** - two new awards totalling \$ 5 Million support to India's Covid-19 response - \$3-million to CAC - \$2 million to the non-profit research institute Wadhvani AI to develop tools
- ❖ **India** - an additional \$ 1 billion Line of Credit for Central Asian countries - widen connectivity and energy partnership among other sectors
- ❖ **India** - USD 1 million - palestinian refugees who have been facing extreme challenges due to the COVID-19 pandemic
- ❖ **India** - the President of the International Solar Alliance (ISA) for a term of two years
- ❖ **France** - Co- President of the International Solar Alliance (ISA)
- ❖ **India** - the Vice-Chair of Good Laboratory Practice, Working Group of OECD

NATIONAL AFFAIRS

Prime Minister – Narendra Modi

- ❖ **Narendra Modi** - 'Kisan Suryodaya Yojana' at Gujarat - providing day-time electricity to the farmers in the state for irrigation and farming purposes
- ❖ **Narendra Modi** - e-dedicated country's biggest cardiac hospital at U.N. Mehta Institute of Cardiology and Research Center

- ❖ **Narendra Modi** - a Mobile Application for tele-cardiology at Civil Hospital campus in Ahmedabad
- ❖ **Narendra Modi** - the world's longest temple ropeway project at Girnar in Junagadh - 2.3 kilo meters length and 900 meters height.
- ❖ **Narendra Modi** - inaugurate the first seaplane service from Sabarmati Riverfront in Ahmedabad to the Statue of Unity in Kevadia Colony in the Narmada district, Gujarat
- ❖ **Narendra Modi** - Ekta Diwas Celebrations at Kevadia, Gujarat on October 31
- ❖ **Narendra Modi** - the Sardar Patel Zoological Park in Kevadia, Narmada district, Gujarat
- ❖ **Narendra Modi** - scheduled to flag off Ekta Cruise Service to the Statue of Unity
- ❖ **Narendra Modi** - inaugurate Ekta Mall and Children Nutrition Park in Gujarat
- ❖ **Narendra Modi** - unveil the Statue of Unity website in all UN official languages and the Kevadia App at the Unity Glow Garden
- ❖ **Narendra Modi** - inaugurate world's longest highway tunnel 'Atal Tunnel' - Rohtang, Himachal Pradesh - 9.02-kilometre long tunnel
- ❖ **Narendra Modi** - inaugurate Vaishvik Bhartiya Vaigyanik (VAIBHAV) Summit
- ❖ **Narendra Modi** - 'Margdarshika' for Gram Panchayats and Paani Samitis for implementation of Jal Jeevan Mission
- ❖ **Narendra Modi** - Jan Andolan - a campaign to spread message of COVID-19 Appropriate Behaviour
- ❖ **Narendra Modi** - launch the physical distribution of property cards - the 'SVAMITVA' (ownership) scheme
- ❖ **Narendra Modi** - a commemorative coin of Rs. 100 in honour of Vijaya Raje Scindia
- ❖ **Narendra Modi** - rename Pravara Rural Education Society as Loknete Dr Balasaheb Vikhe Patil Pravara Rural Education Society - Ahmednagar, Maharashtra

- ❖ **Narendra Modi** - a commemorative coin of Rs. 75 - to mark 75th anniversary of Food and Agriculture Organization

Road Transport and Highways and Micro, Small and Medium Enterprises - Nitin Gadkari

- ❖ **Nitin Gadkari** - to lay foundation stone for country's first multi-modal logistic park in Assam - Project amount - The Rs 693.97 crore
- ❖ **MSME Ministry** - Artificial Intelligence and Machine Learning - strengthening its single window system portal 'Champions' to assist the MSMEs in the country

Finance and Corporate Affairs - Nirmala Sitharaman

- ❖ **The Finance Ministry** - extend the date of making payment without additional amount under 'Vivad se Viswas' scheme by 3 months

Agriculture and Farmers Welfare, Rural Development and Panchayati Raj, Food Processing Industries - Narendra Singh Tomar

- ❖ **Shri Narendra Singh Tomar** - an awareness campaign 'Anna Devo Bhava' to mark International Food & Agri Week
- ❖ **Shri Narendra Singh Tomar** - 'Ayushman Sahakar' scheme to help cooperatives contribute to creation of healthcare infrastructure in the country

Education - Ramesh Pokhriyal Nishank

- ❖ **Shri. Ramesh Pokhriyal 'Nishank'** - Innovation & Incubation Center and Sports Complex in the Permanent Campus of IIT Jodhpur

- ❖ **Shri. Ramesh Pokhriyal 'Nishank'** - Golden Jubilee Building at NIT Rourkela
- ❖ **Shri. Ramesh Pokhriyal 'Nishank'** - the DST-IEST Solar PV Hub at IEST, Shibpur
- ❖ **Shri Ramesh Pokhriyal 'Nishank'** - the 'KAPILA' - the 89th birth anniversary of former President and Scientist Late Dr. APJ Abdul Kalam - 'KAPILA - ' Kalam Program for Intellectual Property Literacy and Awareness campaign

Health and Family Welfare, Science and Technology; and Earth Sciences - Dr Harshavardhan

- ❖ **Dr. Harsh Vardhan** - a Scheme There are SERB – POWER Fellowship and SERB – POWER Research Grants designed exclusively for women scientists - POWER - Promoting Opportunities for Women in Exploratory Research
- ❖ **Dr Harsh Vardhan** - inaugurate the Radio diagnosis Facilities at AIIMS Bathinda
- ❖ **Health Ministry** – the Ayush Standard Treatment Protocol based on Ayurveda and Yoga for Management of COVID-19
- ❖ **Health ministry** – the “DBT-BIRAC Clean Tech Demo Park” - Barapullah drain site, near Sundial Park, Sarai Kale Khan, New Delhi

Petroleum and Natural Gas and Steel - Dharmendra Pradhan

- ❖ **Dharmendra Pradhan** - an aid package of Rs 22,267.66 crore to Odisha to combat the Covid-19 pandemic

Jal Shakti - Gajendra Singh Shekhawat

- ❖ **Minister of state Jal Shakti** - Mobile application for Geo tagging of the components of projects under Pradhan Mantri Krishi Sinchayee Yojana.
- ❖ **Gajendra Singh Shekhawat** – a 100-day campaign to ensure potable water supply in all schools and anganwadi centers across the country.

Development of North Eastern Region - Jitender Singh

- ❖ **Dr Jitendra Singh** - the 317th Executive Council meeting of the Indian Institute of Public Administration (IIPA) as its new Chairman

Youth Affairs and Sports - Kiren Rijiju

- ❖ **Kiren Rijiju** - 200-km long 'Fit India Walkathon' being organised by border guarding force ITBP in Rajasthan's Jaisalmer

Culture and Tourism - Prahalad Singh Patel

- ❖ **Prahalad Singh Patel** - Life in Miniature project – National Museum of New Delhi + Google Arts and Culture

Housing and Urban Affairs, Civil Aviation. - Hardeep Singh Puri

- ❖ **Housing and Urban Affairs Ministry** - the 'e-Dharti Geo Portal' - will integrate legacy drawings such as maps and lease plans in the management information system and make it geographic information system (GIS)-enabled
- ❖ **MoHUA + Swiggy** = street food vendors online under PM SVANIDHI scheme
- ❖ **Durga Shanker Mishra** - the Application Programming Interface, integration between the PM SVANidhi Portal + the State Bank of India portal - ease processing of loan applications.

Social Justice and Empowerment – Thawar Chand Gehlot

- ❖ **Thaawarchand Gehlot** – the Ambedkar Social Innovation and Incubation Mission under Venture Capital Fund for SCs

Shipping - Mansukh L. Mandaviya

- ❖ **Shipping Ministry** - the development of Indigenous Software solution for Vessel traffic services (VTS) and Vessels Traffic Monitoring Systems (VTMS) in New Delhi
- ❖ **Shipping Ministry** - 'Direct Port Entry Facility' at V.O. Chidambaranar port

Tribal Affairs – Arjun munda

- ❖ **Minister of Tribal Affairs** – India's largest handicraft and organic products marketplace- Tribes India E-Marketplace

Railways and Commerce and Industry, Consumer Affairs, Food and Public Distribution

– Piyush Goyal

- ❖ **CRIS** – new Freight Business Development portal exclusively for freight clients
- ❖ **Piyush Goyal** – the Phoolbagan Station of Kolkata's East West Metro corridor
- ❖ **The Railways Ministry** - approve Alstom-built 12000 horse power (HP) electric locomotives to run freight trains - 120 Kmph

AYUSH –Shripad Yesso Naik

- ❖ **Shripad Yesso Naik** - the Regional Raw Drug Repository (RRDR) for Ayush systems of medicine in Tamil Nadu

STATES

Andhra Pradesh

- ❖ **Andhra Pradesh** - YSR Bima scheme by providing insurance cover- 18-50 years is ₹5 lakh and 51-70 years ₹3 lakh(Accident)
- ❖ **Andhra Pradesh** - 'Jagananna YSR Badugu Vikasam' for SC, ST entrepreneurs
- ❖ **Andhra Pradesh** - Rs 1,115 crore to 50 lakh farmers under YSR Rythu Bharosa- PM Kisan scheme
- ❖ **Andhra Pradesh** - ban online gaming, betting, asks Centre to block access to 132 apps, websites
- ❖ **Andhra Pradesh** – inaugurate the renovated Bapu Museum - Vijayawada
- ❖ N Chandrababu Naidu – '**AP fights corona**' - **help different sections of people fight the Covid-19 pandemic**

- ❖ **Andhra Pradesh** – Jagananna Vidya Kanuka - providing free kits to students studying in government schools from Class 1 to 10 ahead of the academic - Rs. 650 Crore

Arunachal Pradesh

- ❖ **Patel Engineering** - an order worth Rs 1,564.42 crore to build 2,000 MW Subansiri Lower Hydro Electric project in Arunachal Pradesh
- ❖ **Arunachal Pradesh** – join One Nation One Ration Card Scheme.
- ❖ **Arunachal Pradesh + Siva Sai + 3F + Ruchi Soya** = setting up oil extraction factories and buy back oil palm fruits from farmers under the scheme

Assam

- ❖ **Assam** - plantation drive under Carbon Neutrality Project
- ❖ **Assam** - mobile app Kisan Rath - promote buyer-seller network
- ❖ **Assam** - “Swa-nirbhar Naari: Atmanirbhar Asom” scheme - empower the economically disadvantaged women of the State

Chhattisgarh

- ❖ **Chhattisgarh** – an Intensive Community Survey Campaign to control the spread of Corona infection
- ❖ **TRIFED + IIT Kanpur + Chhattisgarh MFP Federation** = “Tech for Tribals” Initiative in Chhattisgarh - Bridge the Gap between Tribal Entrepreneurs and Urban Markets

Goa

- ❖ **Goa** - an online channel Dishtavo’ - holistic teaching and virtual orientation for higher education.
- ❖ **Goa** - first 'Har Ghar Jal' State across the nation by providing tap water connection to every rural household

- ❖ **Goa + India Post** - Get Farmers Enrolled In PM Kisan Samman Nidhi Scheme

Gujarat

- ❖ **Gujarat** - the first high court in the country to live-stream its court proceedings on Youtube
- ❖ **Gujarat** - Digital Seva Setu Programme for the rural areas
- ❖ **Hindustan Zinc Ltd + Gujarat** - set up a greenfield zinc smelter in the state

Haryana

- ❖ **Haryana** - Android application and web portal called 'Asha-Pay' - digital payment and monitoring of the state's authorized social health workers
- ❖ **Haryana** - mobile water testing laboratory Van equipped with a multi-parameter system

Himachal Pradesh

- ❖ **Mandi, Himachal Pradesh** - top position among 30 districts of the country in successful implementation of Pradhan Mantri Gram Sadak Yojana

Karnataka

- ❖ **The Karnataka Power Corporations Limited** - set up 11.5 MW waste to energy (WTE) plant - Rs 260 crore in Bidadi

Kerala

- ❖ **Kerala Startup Mission** - Women Startup Summit 2020 aimed at encouraging women professionals to open businesses

- ❖ **Kerala** - the first state in the country to have high-tech classrooms in all its public schools

- ❖ **Alappuzha, Kerala** - Water taxi service

Maharashtra

- ❖ **Maharashtra** - the first state in the country to cap the prices of masks
- ❖ **Maharashtra Women & Child welfare dept** - initiative named 'TARANG SUPOSHIT MAHARASHTRACHA' - fulfill nutritional requirements of lactating mothers & children
- ❖ **Pune Mahanagar Parivahan Mahamandal Limited (PMPML)** - a new bus service Abhi to service airport and 5 major spots in city
- ❖ **Greater Mumbai Municipal Corporation + Google** - mark Containment Zones in the city on the Google Maps
- ❖ **Navi Mumbai Municipal Corporation** - novel underground garbage bins in the city - keep the surrounding clean
- ❖ **The Indian Army + Maharashtra state police** - a joint anti-terror exercise - coordinate their drills and procedures to counter any terrorist attack

Manipur

- ❖ **Manipur** - Mera Houchongba festival

Mizoram

- ❖ **Mizoram** - full sponsorship to students who aspire to join civil and other central services

Meghalaya

- ❖ **Meghalaya** - the 'micro ATM' service in rural areas of the state - promoted by the Meghalaya State Rural Livelihood Society + the Meghalaya Rural Bank (MRB) + NABARD

Nagaland

- ❖ **Nagaland** – livelihood generation scheme for returning migrant workers

Odisha

- ❖ **Odisha** – an electricity consumer service portal and its mobile app named 'Mo Bidyut' - to provide efficient, time-bound and transparent online service to the people of the State
- ❖ **Odisha + FICCI** - national industry partner for the third edition of 'Make in Odisha' conclave
- ❖ **Odisha** - Sumangal portal -would help inter-caste couples - hike in the incentive from Rs 1 lakh to Rs 2.5 lakh
- ❖ **Odisha** -www.scholarship.odisha.gov.in - to enable meritorious students to apply and avail scholarships within a specified time frame
- ❖ **Odisha** – a picture postcard named "Jau Kandhei" on the theme of 'Traditional Toys of India' On the occasion of World Postcard Day

Punjab

- ❖ **Punjab** - the foundation stone of Punjab's first dedicated sports university and various other development projects in Patiala - Rs 500 crore
- ❖ **Punjab** - 100 per cent waiver on motor vehicle tax till December 31 for all stage carriage, mini and school buses
- ❖ **Punjab** - post-matric scholarship scheme for students belonging to the Scheduled Castes category
- ❖ **Punjab** - 33% reservation for women in government jobs

Rajasthan

- ❖ **Rajasthan** - three bills in the Assembly to negate the impact of the farm laws enacted by the Centre
- ❖ **Rajasthan** – a month long mass awareness campaign on COVID 19
- ❖ **Rajasthan** - "Mann Samvad" - toll-free helpline for mental health services
- ❖ **Rajasthan police** -drive named 'AAWAJ' - women's safety and security - 'AAWAJ' - Action Against Women-related crime and Awareness for Justice

Tamil Nadu

- ❖ **Tamil Nadu** – the Smart Black Board scheme in 80,000 government schools to ensure better teaching environment
- ❖ **Tamil Nadu** - laid the foundation stone for 9 projects totalling an investment of Rs 10,062 crore
- ❖ **Tamil Nadu** - scheme to provide stipend to young advocates - Rs 3,000
- ❖ **Tamil Nadu** - new interactive portal <http://tamilnadu.mygov.in> for two-way communication with public
- ❖ **Tamil Nadu** – join One Nation One Ration Card Scheme.
- ❖ **Tamil Nadu Forest Department** - wildlife week celebrations through video conference
- ❖ **Tamil Nadu + World Economic Forum (WEF)** = establish India's first advanced manufacturing hub (AMHUB) in the state
- ❖ **Tamil Nadu** - 14 MoUs - Rs 10,000 cr - create 7,000 new jobs

Telangana

- ❖ **Telangana** - revamped Dharani portal to end corruption during land registration
- ❖ **Telangana** - Rythu Vedika at Kodakandla village of Jangaon district

- ❖ **Hyderabad Management Association** - its industry readiness programme with support from entrepreneurs and corporate houses

Uttar Pradesh

- ❖ **Uttar Pradesh** - Safe City Project, a women's safety campaign, in Lucknow
- ❖ **Uttar Pradesh** - 100 'pink' two-wheelers and 10 four-wheeler police vehicles for 'Pink Patrol'
- ❖ **Uttar Pradesh** - implement the Special Festival Advance and cash in lieu of LTC Scheme on the line of the central government – Rs 1,960 crore
- ❖ **Uttar Pradesh** - a 6-month long women empowerment campaign 'Mission Shakti' - raise awareness and tackle crime against women in the state
- ❖ **Uttar Pradesh** - state's first data centre would be set up in Greater Noida with an estimated investment of over Rs 600 crore
- ❖ **Uttar Pradesh** - setting up a 'Data Analytical Centre' - provide a safe city to the women in the state
- ❖ **Uttar Pradesh** - INOX oxygen plant at Modi Nagar in Ghaziabad
- ❖ **Uttar Pradesh** - mission Mission Shakti - dedicate the upcoming Navratri festival to women's safety, dignity and empowerment.
- ❖ **Uttar Pradesh** - 'hath dhona, roke corona' campaign - the occasion of Global Handwashing Day

Uttarakhand

- ❖ **Uttarakhand** - development projects worth Rs 105 crore – 50 crore Hans Jal Dhara Yojana + Rs 30 crore project for setting up Anganwadi centres + Rs 25 crore towards providing self-employment opportunities to migrants
- ❖ **Uttarakhand** - Rs 75 lakh allocation for martyrs fund to paid tribute to police and paramilitary personnel martyred in the line of duty

- ❖ **Uttarakhand** – 'HavePure Naturally Yours' initiative - help women farmers by taking their unique natural products to new markets
- ❖ **Uttarakhand** - Saubhagyavati Yojana - provide special kits with essential items for "proper care and nourishment" of pregnant women and newborns in the state

West Bengal

- ❖ **West Bengal** - a campaign in areas adjoining elephant habitats in the northern parts of the state to prevent electrocution deaths of the pachyderms
- ❖ **West Bengal** - India's first 'Tyre Park'

UT

Chandigarh

- ❖ **Chandigarh** - 3 e-governance services by eliminating the need to visit government offices - e-licensing, e-horticulture services and e- challan encroachment
- ❖ **Chandigarh** - the Mobile Based Application for online monitoring of rescue
- ❖ **Chandigarh** – 'Swachh Swaari' – a drive under which special vehicles will collect clothes, shoes, stationery and books from residents willing to donate
- ❖ **Chandigarh** - 'Swachh Ward'- an inter-ward competition, in which major indicators like waste segregation, citizen engagement, etc,

Delhi

- ❖ **Delhi Metro** - special drive to ensure adherence to pollution norms at construction sites
- ❖ **Delhi** - web portal ev.delhi.gov.in to help people avail of subsidies on the purchase of electric vehicles (EV)
- ❖ **Delhi** - inaugurate 15 TPD waste-to-energy plant at Ghazipur poultry market

- ❖ **Delhi** - 'Green Delhi' using which citizens can bring pollution-causing activities to the government's notice
- ❖ **Delhi** - anti-firecracker campaign as not to burn crackers at all considering the seriousness of the situation due to the COVID-19 pandemic
- ❖ **Delhi** - approve Rs 40 crore to provide medical insurance of Rs 5 lakh and term insurance of Rs 10 lakh to lawyers
- ❖ **Delhi** - an anti-pollution campaign 'Yudh Pradhushan Ke Viruddh' - polluted air can be life threatening in view of the COVID-19 pandemic
- ❖ **Delhi** - a 'green war room' - monitor steps being taken to bring down pollution levels in the city this winter
- ❖ **Delhi** - approve a tree transplantation policy - prevent felling of trees due to development works
- ❖ **Delhi** - approve - a proposal to install a 'smog tower' in Delhi's Connaught Place
- ❖ **Delhi Pollution Control Committee** - directions banning the use of diesel generators in the State/UT
- ❖ **Delhi** - 'Red light On, Gaadi off' campaign against pollution

Jammu and Kashmir

- ❖ **Jammu & Kashmir** - two day folk and light music concert 'JASHN-e-HARUD'
- ❖ **PFC + JKPCCL** - Liquidity Infusion Scheme under "Aatmanirbhar Bharat Abhiyaan" for the Jammu and Kashmir – Rs 2790 crore
- ❖ **Jammu & Kashmir** - an Urban Connect programme named MY TOWN, MY PRIDE –deliver services at doorsteps to the urban population

- ❖ **Jammu & Kashmir** - first union territory in the country to operationalise public financial management system (PFMS) at the district level
- ❖ **Jammu & Kashmir** - Market Intervention Scheme to facilitate the stakeholders by providing valuable marketing platform and ensuring optimum prices to the apple growers
- ❖ **KVIC** – multiple employment generation activities Jammu and Kashmir
- ❖ **Manoj Sinha** - inaugurate Bawa Jitto Kisan Kendra and Agriculture Mall - Talab Tillo, Jammu
- ❖ **Jammu & Kashmir** - a "SAKHI" One-Stop Service Centre for women in the state

Ladakh

- ❖ **Ladakh** - 100 day campaign to provide potable water supply in schools, anganwadi centres
- ❖ **National Dairy Development Board (NDDB) + Ladakh** - promote dairying and rural livelihoods in the Union Territory

ROAD/HIGHWAY/BRIDGE

- ❖ **Rajnath Singh** - 'Alternate Alignment Gangtok - Nathula Road' constructed by the Army's BRO in Sikkim - By constructing 19.35 km long alternate route of National Highway-310
- ❖ **Nitin Gadkari** - lay the foundation stones of nine National Highway projects in Tripura - 262 kilometres
- ❖ **Nitin Gadkari** - 16 National Highways projects with a total length of 1411 kms worth Rs 15,592 crore in Andhra Pradesh

- ❖ **Kerala** - the Anakkampoyil- Kalladi-Meppadi tunnel - connecting Kozhikode and Wayanad - length 6.8 km
- ❖ **The Union Cabinet** - approve the revised cost of East-West Metro Corridor Project for Kolkata - 16.6 km length
- ❖ **Rajnath Singh** - the foundation stone of the Nechiphu Tunnel in West Kameng district of Arunachal Pradesh - 450m length

GOI

- ❖ **The Union Cabinet** - adaptation of the Jammu and Kashmir Panchayati Raj Act 1989
- ❖ **The government** - give Rs 3,737 crore bonus to 30.67 lakh central government employees
- ❖ **Centre** - interest waiver scheme for loans up to Rs. 2 Crore
- ❖ **The cabinet committee on economic affairs** - Rs 10,211-crore project to improve the safety and performance of select dams across India
- ❖ **The government** - a website for entities involved in R&D in the coal sector- developed by Central Mine Planning and Design Institute
- ❖ **The Government** - tax-exempt LTC cash voucher scheme - boost consumer spending till March 31, 2021
- ❖ **The government** - a one-time Rs 10,000 interest-free festival advance to all its officers and employees
- ❖ **Union Cabinet** - the STARS project under the New Education Policy to support states in strengthening the school education system - World Bank-supported cost 500 million US dollar.
- ❖ **Union Cabinet** - special package worth Rs. 520 crore - J&K, Ladakh under DAY-NRLM

VESSELS

- ❖ **'INS Kavaratti'** - The last of four indigenously-built Anti-Submarine Warfare (ASW) stealth corvettes is scheduled to be commissioned into the Indian Navy – built by GRSE
- ❖ **Indian Coast Guard Offshore Patrol Vessel 'Vigraha'** - enhance coastal security -built by Larsen and Toubro

Offshore Patrol Vessel

- ICGS 'Vikram'
- ICGS 'Vijaya'
- ICGS 'Veera'
- ICGS 'Varaha'
- ICGS 'Varad'
- ICGS 'Vajra'
- ICGS 'Vigraha'

SUMMITS

- ❖ **Shri Kiren Rijiju** - participated in the Y20 Global Summit
- ❖ **Nirmala Sitharaman** - participated 102th meeting of the World Bank Development Committee Plenary through video conference
- ❖ **Narendra Modi** - the national conference on vigilance and anti-corruption - vigilant India, prosperous India(Theme)
- ❖ **New Delhi, Delhi** - 4-day Commanders' Conference of Indian Army
- ❖ **Narendra Modi** - inaugural address at 4th India Energy Forum CERAWeek - "India's Energy Future in a world of Change(Theme)
- ❖ **Suresh Prabhu** - The India Bamboo Forum - give boost to the bamboo sector



DRDO

<u>Missile</u>	<u>Place</u>	<u>Range</u>
nuclear-capable Prithvi-2 missile	Chandipur near Balasore in Odisha	350 Km
BrahMos supersonic cruise missile	INS Chennai	
Stand-off Anti-tank (SANT) Missile	Odisha	
the final user trial of the third-generation anti-tank guided missile Nag	Pokhran desert , Rajasthan	
Indian Navy's anti-ship missile	INS Prabal	
anti-ship missile (AshM)	INS Kora	
an air launched version of the BrahMos supersonic cruise missile	Bay of Bengal	400 km
Laser-guided anti-tank guided missile	Maharashtra's Ahmednagar	1.5 to 5 km
Shaurya	Odisha	700 km to 1000 km
SMART torpedo system		
Rudram-1= new generation anti-radiation missile		
The Nirbhay subsonic cruise missile		Odisha



- ❖ **DRDO** - medium altitude long endurance indigenous prototype drone Rustom-2 - Chitradurga, Karnataka

TARGET YEARS

- ❖ **Health Minister** - the aim of the government is to make India Trans Fat free by 2022
- ❖ **AAI** - to develop at least 100 airports, waterdromes and heliports by 2024
- ❖ **PM Modi** - India to grow oil refining capacity to 450 million tonnes by 2025
- ❖ **Odisha** - set the target to provide high-speed internet connectivity to all Gram Panchayats in phases by April 2021
- ❖ **DV Sadananda Gowda** - Indian pharma sector can grow to 65 billion dollar industry by 2024

Rename

- ❖ **Kolkata Port** - renamed as Syama Prasad Mookerjee Port
- ❖ **Natak Akademi award of Odisha** - rename as 'Sunanda Samman'

NITI AAYOG

- ❖ **NITI Aayog + Amazon Web Services** = Frontier Technologies Cloud Innovation Center in India
- ❖ **NITI AAYOG + Ministry of Power + Rockefeller Foundation + Smart Power India** = the 'Electricity Access in India and Benchmarking Distribution Utilities' report
- ❖ **NITI Aayog + QCI** = 'National Program and Project Management Policy Framework' for infrastructure sector
- ❖ **Niti Aayog** - a draft model Act and rules for states on conclusive land titling
- ❖ **NITI Aayog + the New and Renewable Energy Ministry + Invest India** = global symposium virtually 'India PV EDGE 2020'
- ❖ **AIM, NITI Aayog + CGI India** - promote Innovation across schools

AIRPORTS

- ❖ **Mumbai International Airport + Airports Council International (ACI)** - keep the passengers updated on the latest health and safety procedures followed at various aerodromes
- ❖ **Bangalore International Airport** - the first metro airport in India to record growth in freight in September 2020, compared to the same period last year
- ❖ **Hyderabad International Airport** - end-to-end paperless E-boarding facility for international flights
- ❖ **The Airports Authority of India** - hand over The Mangaluru airport to the Adani group on lease for a period of 50 years
- ❖ **The Airports Authority of India** - hand over Lucknow airport to the Adani group on lease for a period of 50 years
- ❖ **Indira Gandhi International Airport** - world's first virtual reality dome
- ❖ **Puducherry airport** - the Airports Authority of India's (AAI) first entirely solar-powered airport in the country

RAILWAYS

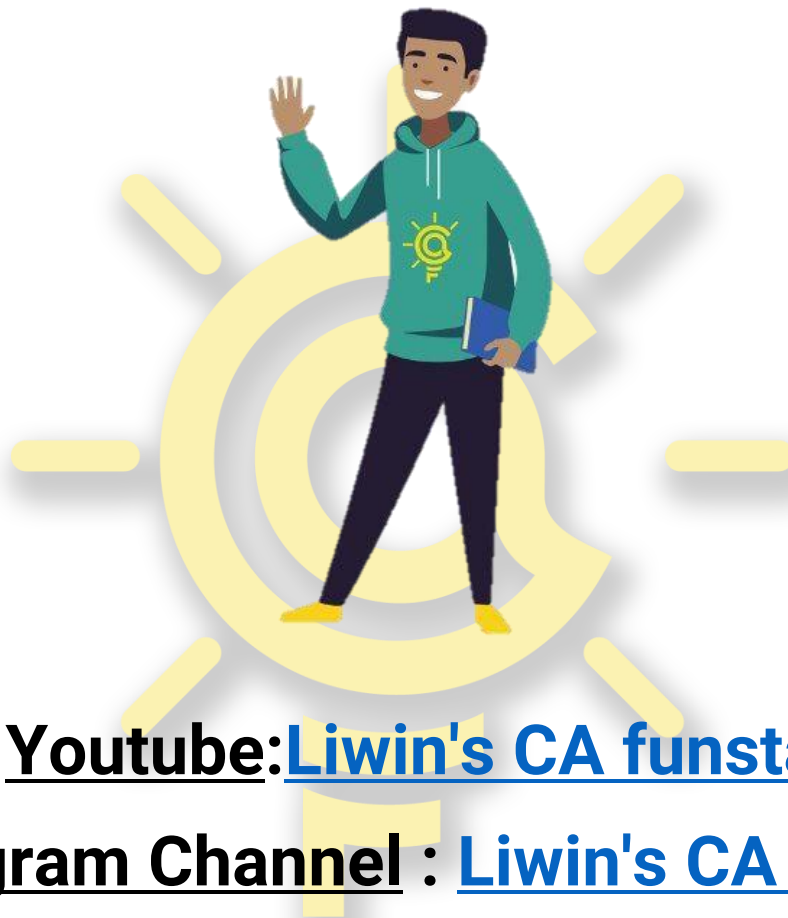
- ❖ **RPF, Visakhapatnam** - 'Meri Saheli' initiative in order to provide proactive security to women passengers
- ❖ **Northern Railways** - 'Bags on Wheels' initiative - ferry passenger luggage from train coach to home, vice versa
- ❖ **Indian Railways** - "Meri Saheli" initiative - focused action on security of women across all zones with an objective to provide safety and security to lady passengers travelling by trains for their entire journey from starting station to destination station
- ❖ **South Western Railway** - 'Integrity Pool' to deal with corruption
- ❖ **Indian Railways' Chittaranjan Locomotive Works** - Tejas Express locos for push-pull operation with aerodynamic design - 160 Kmph

OTHERS

- ❖ **Kolkata Port Trust** - new logo to be unveiled at 150-year old celebrations.
- ❖ **Jindal Steel and Power** - first Indian firm to develop rails for high-speed corridors
- ❖ **Khadi and Village Industries Commission** - India's first-ever Khadi fabric footwear
- ❖ **January of 2021** - The third phase of the National Supercomputing Mission (NSM)
- ❖ **Department of posts** - a commemorative postage stamp on 75th anniversary of the United Nations
- ❖ **Lieutenant Shivangi + Lieutenant Divya Sharma + Lieutenant Shubhangi Swaroop** = Indian Navy operationalises first batch of 3 women pilots on Dornier Aircraft at Kochi
- ❖ **SIDBI's 'Standup Mitra' portal** - record over 96,000 loan sanctions
- ❖ **India Post + USA Postal Service** - Electronic Exchange of Customs Data related to postal shipments exchanged between the two countries
- ❖ **NTPC + Japan Bank** - Rs 3,500 crore loan for Flue Gas Desulphurisation (FGD) and renewable energy projects
- M. Venkaiah Naidu** -virtual festival of 'Parampara Series 2020-National Festival of Music and Dance' - organized by Natya Tarangini in partnership with the United Nations
- ❖ **the Indian Sugar Mills' Association** - a portal meetha.org that will be a source for right information and knowledge to be shared with consumers about sugar.
- ❖ **Indian Army** - messaging application 'Secure Application for Internet' similar to WhatsApp which will be used by the security forces to communicate securely
- ❖ **KVIC** - Limited Edition of two-layered "Happy Diwali" printed face masks made of Pure Muslin fabric
- ❖ **Kolkata International Film Festival** - reschedule to January 2021

- ❖ **National Mission for Clean Ganga (NMCG)** - organising three-day 'Ganga Utsav 2020' on virtual platforms from November 2.
- ❖ **The Federation of Indian Publishers (FIP) + PragatiE** - organise a virtual version of Delhi Book Fair 2020
- ❖ **BSI** - a mobile app for exotic plants at the Indian Botanic Garden near Kolkata, West Bengal
- ❖ **Department of Justice** - Shramdan drive in New Delhi to commemorate the Birth Anniversary of Mahatma Gandhi
- ❖ **The National Dairy Development Board** - Pashu Mitra - a call centre for dairy farmers to address their queries on animal health, nutrition and productivity.
- ❖ **The National Dairy Development Board (NDDB)** - Pashu Mitra - dairy farmers to address their queries on animal health, nutrition and productivity
- ❖ **The National Mission for Clean Ganga + the Wildlife Institute of India + the Forest Department** = a campaign My Ganga My Dolphin - the occasion of Ganga River Dolphin Day
- ❖ **The Union Cabinet** - approve Bengaluru suburban rail project - cost of Rs 18,600 crore - 148-km length
- ❖ **World Bank** - support enterprises in Uttar Pradesh under 'One District, One Product' scheme
- ❖ **IISER, Kolkata** - an incubation centre to promote entrepreneurship and start-up culture among youngsters in the East and Northeastern regions of the country
- ❖ **EPFO** - a WhatsApp helpline service for speedy redressal of grievances of its subscribers
- ❖ **Tata Power** - a Letter of Award (LOA) from the Gujarat Urja Vikas Nigam Limited (GUVNL) - develop a 100-MW solar project in Dholera Solar Park of Gujarat.

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