
NATIONAL WEEKLY (03 - 08 October)

❖ CHINA TO LAUNCH WORLDS FIRST MINING ROBOT INTO SPACE

1. The mission will demonstrate and verify multiple functions like simulated small celestial body capture, spacecraft orbital manoeuvre, intelligent spacecraft identification and control.
2. The robot is termed an Asteroid Mining robot.
3. The robot will be launched into space by a Chinese Long March series rocket.

❖ JAL SHAKTI MINISTER PRESENTED 2020 SWACHH BHARAT AWARDS

1. GoI had earlier launched three missions namely Swachh Sundar Samudayik Shouchalaya, Samudayik Shouchalaya Abhiyan and Gandagi Mukth Bharat.
2. The awards were given to States, Districts, Blocks and Village Panchayats.
3. Under the Swachh Sundar Samudayik Shouchalaya category Gujarat was awarded the first position at state level whereas Tirunelveli in Tamil Nadu got the Award for cleanliness at District Level. Chinnanur Village in Tamil Nadu bagged the top slot at Gram Panchayat level. Khachrod block in Ujjain district in Madhya Pradesh was awarded the first position.
4. Under the Samudayik Shouchalaya Abhiyan, Gujarat and Uttar Pradesh topped as best performing states. Prayagraj and Bareilly won the award for being the best performing districts.
5. Under the Gandagi Mukth Bharat Mission, Haryana and Telangana were awarded the top slot.

❖ INDIA, BANGLADESH HOLD JOINT NAVAL EXERCISE BONGOSAGAR

1. Both navies participated in seamanship evolutions, surface warfare drills, and helicopter operations. Bongosagar aims to develop interoperability and joint operational skills through the conduct of maritime exercises and operations.

❖ DRDO SUCCESSFULLY TEST-FIRED SHAURYA MISSILE

1. Shaurya missile of the nuclear-capable missile will be inducted in the strategic forces and is being claimed to complement the existing missiles in the same class.
2. In its last phase, when the missile moves close to its target, it moves at hypersonic speeds.

❖ NITI AAYOG TO HOST INDIA PV EDGE 2020 SYMPOSIUM

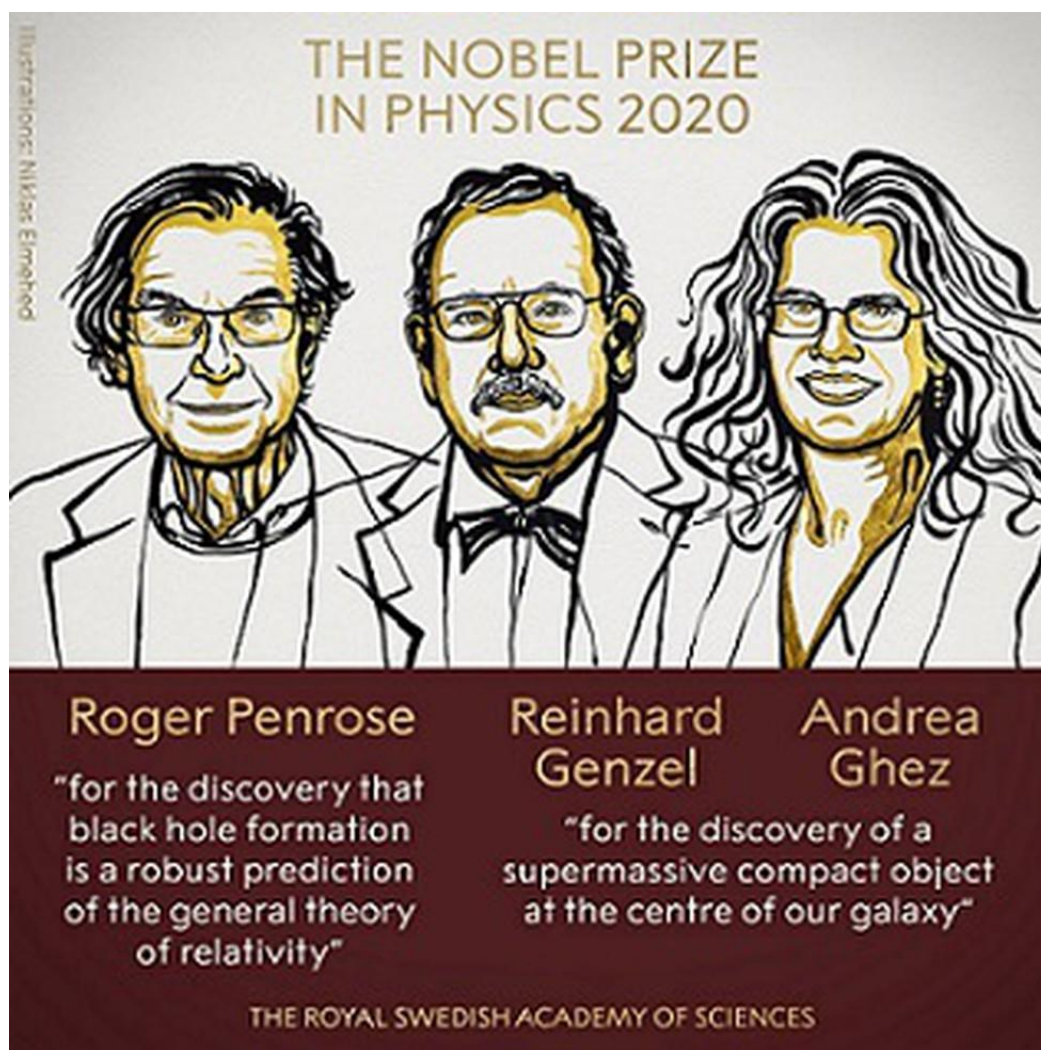
1. The symposium includes sessions on Wafers and Cells, Modules and Production Equipment and Supply Chain.
2. States namely Andhra Pradesh, Tamil Nadu, and Maharashtra will participate in the conclave.

❖ NOBEL PRIZE IN CHEMISTRY 2020

1. Emmanuelle Charpentier of France and Jennifer Doudna of the U.S. won the Nobel Chemistry Prize for the gene-editing technique known as the CRISPR-Cas9 DNA snipping “scissors”, the first time a Nobel science prize has gone to a women-only team.
2. Charpentier, 51, and Ms. Doudna, 56, are just the sixth and seventh women to receive the Nobel Prize in Chemistry.
3. Using the tool, “researchers can change the DNA of animals, plants and microorganisms with extremely high precision”.
4. The CRISPR-Cas9 tool has already contributed to significant gains in crop resilience, altering their genetic code to better withstand drought and pests.
5. The technology has also led to innovative cancer treatments, and many experts hope it could one day make inherited diseases curable through gene manipulation.

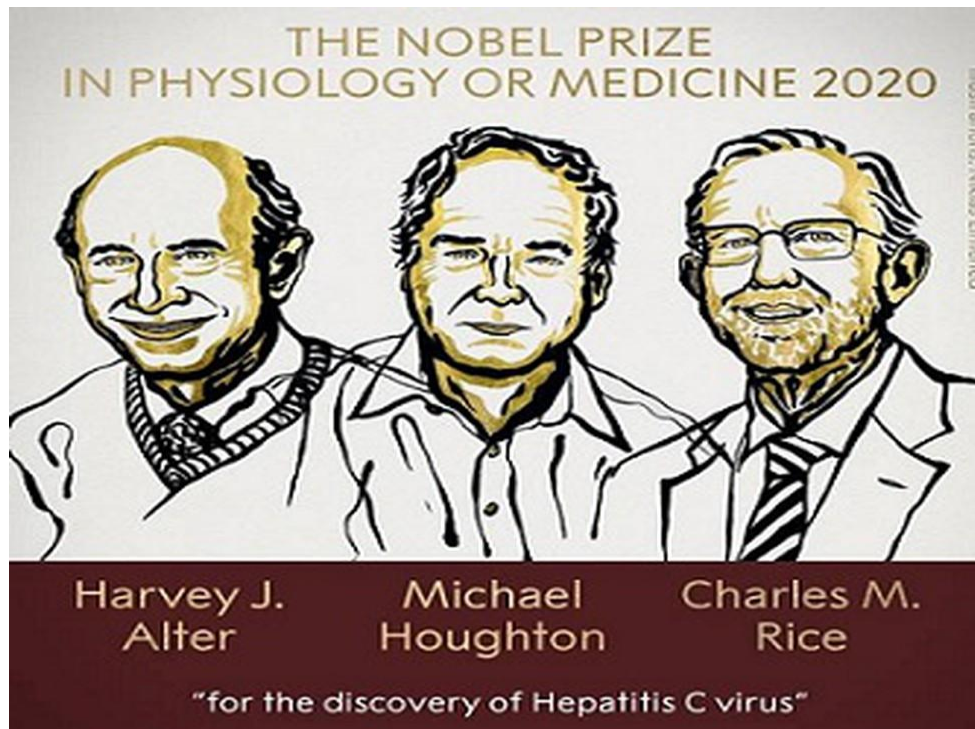
❖ NOBEL PRIZE IN PHYSICS 2020

1. Nobel Prize in Physics 2020 has been awarded, with one half to Roger Penrose and the other half jointly to Reinhard Genzel and Andrea Ghez for their discoveries about Black hole.



❖ NOBEL PRIZE FOR MEDICINE OR PHYSIOLOGY 2020

1. Americans Harvey J Alter and Charles M Rice, and British scientist Michael Houghton were chosen for the Nobel Prize for Medicine or Physiology for the discovery of the Hepatitis C virus.



❖ DINESH KUMAR KHARA

1. Dinesh Kumar Khara has assumed charge as the new Chairman of the country's largest lender State Bank of India. Mr. Khara took over from Rajnish Kumar.

❖ RBI DEPUTY GOVERNORS

1. The Appointments Committee of the Cabinet has approved the appointment of RBI's senior-most Executive Director M. Rajeshwar Rao as Deputy Governor.

❖ STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS (POPs)

1. The Union Cabinet has approved the ratification of seven chemicals listed under Stockholm Convention on Persistent Organic Pollutants (POPs).
2. These are: (i) Chlordecone, (ii) Hexabromobiphenyl, (iii) Hexabromodiphenyl ether and Heptabromodiphenylether, (iv) Tetrabromodiphenyl ether and Pentabromodiphenyl ether, (v) Pentachlorobenzene, (vi) Hexabromocyclododecane, and (vii) Hexachlorobutadiene.
3. The ratification process would enable India to access Global Environment Facility (GEF) financial resources in updating the National Implementation Plan (NIP).

❖ **SITTWE PORT**

1. India and Myanmar have agreed to work towards the operationalization of the Sittwe port in the Rakhine state in the first quarter of 2021.

❖ **MONETARY POLICY COMMITTEE (MPC)**

1. The government has finally appointed three economists — PMEAC member Ashima Goyal, NCAER's Shashanka Bhide and IIM-Ahmedabad professor Jayanth Varma — as new members of the RBI's monetary policy committee (MPC) to decide on interest rates.
2. The new members nominated have been given a four-year term.
3. The other three ex-officio members of the MPC are Reserve Bank Governor Shaktikanta Das, Deputy Governor (in-charge of monetary policy) Michael Patra and executive director JanakRaj. The panel is chaired by RBI governor Shaktikanta Das.
4. The six-member MPC has the mandate to maintain annual inflation at 4 percent, with an upper tolerance of 6 percent and a lower tolerance of 2 percent.

❖ **SUPERSONIC MISSILE ASSISTED RELEASE OF TORPEDO (SMART)**

1. Supersonic Missile Assisted Release of Torpedo (SMART) has been successfully flight tested from Wheeler Island off the coast of Odisha.

❖ **QUAD COUNTRIES**

1. Foreign ministers of all four Quad countries – India, US, Japan, Australia – will meet in the Japanese capital Tokyo on October 6, 2020.

❖ **CZA-PRANI MITRA AWARDS**

1. Union Minister of Environment gave away the CZA-Prani Mitra awards to encourage the zoo officers and staff towards working for captive animal management and welfare.

❖ **CENTRAL INSTITUTE OF HINDI**

1. Union Minister of Education Shri Ramesh Pokhriyal 'Nishank' virtually inaugurated the newly constructed building of the Hyderabad regional centre of the Central Institute of Hindi, Agra.
2. The headquarter of the Institute is situated at Agra.

❖ **NATIONAL STARTUP AWARDS**

1. The Results of the first edition of National Startup Awards will be released by Minister of Commerce & Industry on 6th October, 2020.
2. The Department for Promotion of Industry and Internal Trade (DPIIT) has conceived the first ever National Startup Awards.

3. It aims to recognize outstanding Startups and ecosystem enablers that are building innovative products or solutions and scalable enterprises, with high potential of employment generation or wealth creation, demonstrating measurable social impact.
4. The first edition of the Awards invited applications across 12 sectors which were further sub-classified into a total of 35 categories.
5. These 12 sectors are Agriculture, Education, Enterprise Technology, Energy, Finance, Food, Health, Industry 4.0, Space, Security, Tourism and Urban Services.
6. The winning Startups will get cash prizes of Rs 5 lakh each.

❖ MINI APP

1. In the fight against Google, Paytm has announced the launch of its “mini app” store to “support Indian developers” in taking their products to the masses.

❖ ATAL TUNNEL

1. Prime Minister Narendra Modi dedicated to the nation the World’s longest Highway tunnel – Atal Tunnel.



❖ WILDLIFE WEEK

1. Wild Life Week is being celebrated in India.
2. Wildlife Week is celebrated every year in India between October 1 and 8.
3. The annual theme of the campaign is to promote the preservation of fauna – i.e. animal life.

MADHYA PRADESH WEEKLY (03 - 08 October)

❖ COVID-19 APPROPRIATE BEHAVIOR CHANGE CAMPAIGN LAUNCHED IN MP

1. In Madhya Pradesh, a COVID-19 appropriate behavior change intensive campaign has been launched to control the Corona infection.
2. As per the State Government press release, this campaign will run till 30th of November across the state.



❖ CM INAUGURATES SUPER SPECIALTY HOSP IN REWA

1. With the Super Specialty hospital, not only Rewa, the whole Vindhya region has received the gift of the most advanced treatment facilities. Along with open heart surgery, treatment of several serious illnesses is being provided in this hospital.
2. The hospital has been constructed under the Pradhan Mantri Swasthya Suraksha Yojana, started by the Late Prime Minister Atal Bihari Vajpayee.

❖ MP MOUNTAINEER INDIA'S FIRST TRANSGENDER TO REACH 6000 METER HIGH VIRGIN PEAK

1. Sourav Kittu Tank of Madhya Pradesh has demonstrated something that will inspire millions of people, Kittu has become India's first transgender to reach 6000 meters of Virgin Peak.
2. Kittu is also India's first transgender to have participated in the Permit Mountain Expedition by the IMF (Indian Mounting Federation).

❖ BALCO'S WOMEN EMPOWERMENT PROJECT DISHA: MANY COMMUNITY DEV INITIATIVES ROLLED OUT

1. Bharat Aluminium Company Limited (BALCO), a global leader in aluminium, has paved way for self-reliance of women through 'Disha', the company's flagship project for women empowerment.
2. Under the project, BALCO has rolled out various community development initiatives, training and skill development programs and formed Self-Help Groups (SHG), aimed at financially empowering women and enabling them to pursue their entrepreneurial ventures.

NIRBHAYA MOBILE PATROL VAN STARTED IN UJJAIN

1. Nirbhaya Mobile has been started once again in Ujjain for the safety of women, which will monitor the molestation and criminal incidents against women and curb the molestation and harassments in the city. The Nirbhaya Mobile, patrolling in the entire city would be from 8 am to late evening and will keep an eye on the incidents with women and will arrest those miscreant committing crimes across the city.
