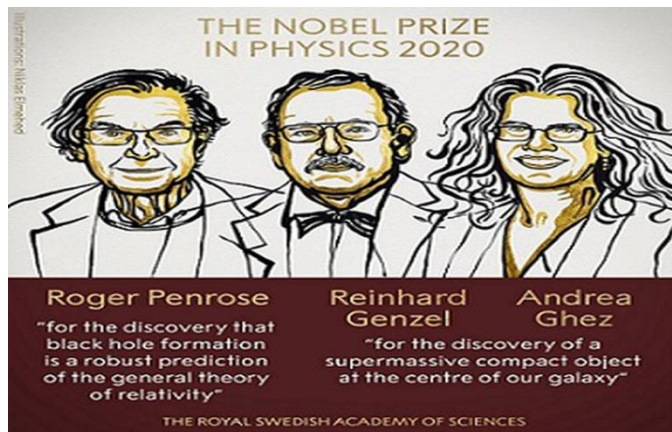


CURRENT AFFAIRS= 07-10-2020

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.



About:

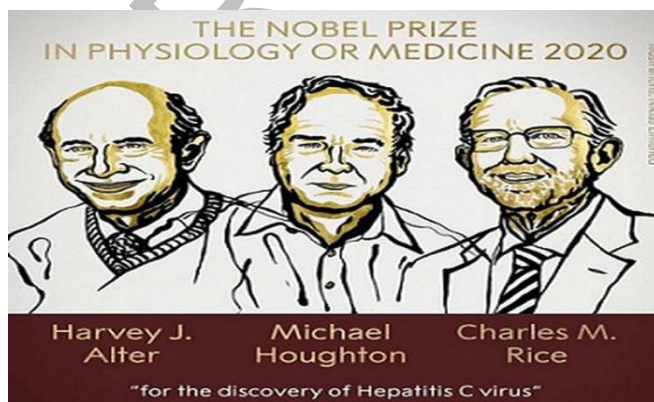
Roger Penrose used ingenious mathematical methods in his proof that black holes are a direct consequence of Albert Einstein's general theory of relativity.

Einstein did not himself believe that black holes really exist, these super-heavyweight monsters that capture

everything that enters them. Nothing can escape, not even light.

- Reinhard Genzel and Andrea Ghez each lead a group of astronomers that, since the early 1990s, has focused on a region called Sagittarius A* at the centre of our galaxy.
- Their pioneering work has given us the most convincing evidence yet of a supermassive black hole at the centre of the Milky Way.

NOBEL PRIZE FOR MEDICINE OR PHYSIOLOGY 2020



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.

About:

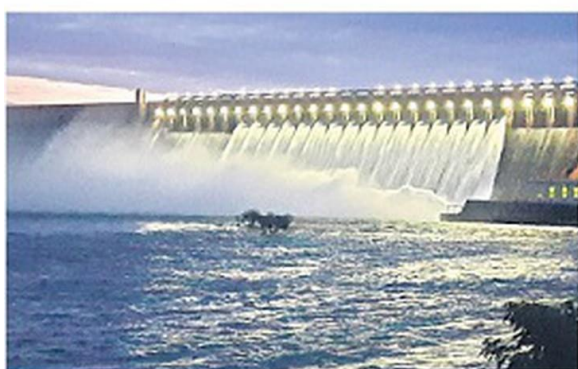
The prestigious award comes with a gold medal and prize money of 10 million Swedish kronor (over \$1,118,000), courtesy of a bequest left 124 years ago

by the prize's creator, Swedish inventor Alfred Nobel.



- The World Health Organisation estimates there are over 70 million cases of hepatitis worldwide and 400,000 deaths each year. The disease is chronic and a major cause of liver inflammation and cancer.
- The medicine prize carries particular significance this year due to the coronavirus pandemic, which has highlighted the importance that medical research has for societies and economies around the world.

INTER-STATE WATER DISPUTE



 The Centre will go ahead and notify the jurisdiction of KRMB and GRMB. Telangana Chief Minister objected to it, but we said that as per the Reorganisation Act, there is no need of a consensus and the Centre can issue the notification. He finally agreed to it
— GAJENDRA SINGH SHEKHAWAT, Union Jal Shakti Minister

SEARCHING FOR SOLUTIONS

- Second Apex Council meeting held after a gap of four years in New Delhi
 - Telangana CMK Chandrababbar Nair, AP CMYS Jagannathan Reddy attend via videoconferencing
 - Both the Chief Ministers agree to submit DPRs of all new projects taken up
 - With regard to sharing of Krishna and Godavari river waters between the two States, Rao agrees to withdraw case filed by TS in Supreme Court immediately
 - This will enable the Ministry to refer the issue to the Tribunal as per Section 3 of the Interstate River Water Disputes Act 1956
- On sharing of Godavari waters, both CMs told to send requests to the Ministry so that the Centre could refer them to the Tribunal as per SRWD Act

The Centre will determine the jurisdictions of the Krishna and Godavari river management boards (KRMB and GRMB), Union Water Resources Minister Gajendra Singh Shekhawat said.

About:

He was speaking after convening an apex council

meeting involving the Centre, Andhra Pradesh and Telangana, the second since 2016.

- The meeting is primarily to resolve the conflict between the two States over executing irrigation projects and sharing water from the Krishna and Godavari rivers.
- The headquarters of the KRMB would be located in Andhra Pradesh.
- With regards to sharing of river waters, the Telangana Chief Minister agreed to withdraw the case filed in Supreme Court, to allow the Centre to refer water sharing issues to the Krishna Godavari tribunal.
- Regarding the sharing of Godavari waters, both the States were asked to send in their requests to the Centre so that it could refer them to the tribunal, a statement from the Water Resources Ministry said.

- Andhra Pradesh Chief Minister and his Telangana counterpart had taken tough stands on projects such as the Rayalaseema lift irrigation scheme and enhancement of the carrying capacity of the Pothireddypadu head regulator.



SITTWE PORT



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

About:

Situated at the mouth of the Kaladan River, the Sittwe

Port is being financed by India as a part of the Kaladan Multi-Modal Transit Transport Project, a collaboration between India and Myanmar.

- The project is aimed at developing transport infrastructure in southwestern Myanmar and north-eastern India.
- The announcement came post conclusion of the two-day visit of Indian Army Chief General MM Naravane and Foreign Secretary Harsh Vardhan Shringla to Myanmar. They also discussed the progress in the ongoing Indian-assisted infrastructure projects such as the Trilateral Highway and the Kaladan Multi-Modal Transit Transport Project. India announced a grant of two million US Dollars for the construction of the border haat bridge at Byanyu/Sarsichauk in Chin State that will provide increased economic connectivity between Mizoram and Myanmar.

MONETARY POLICY COMMITTEE (MPC)



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.



About:

- The new members nominated have been given a four-year term.
- 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 Janak Raj. The panel is chaired by RBI governor Shaktikanta Das.
- 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.
- The last meeting of the panel was held in August wherein the committee had decided to keep interest rates unchanged in a bid to tame inflation.