

- The work has been published in Nano Letters, a high-impact journal in the field, and the innovation has been patented by them.
 - The same award was presented separately to another team of the IIT Kharagpur for addressing the problem of energy conservation and thermal management in wearable and flexible electronic devices.
3. Who has won the Asian College of Journalism's award 2019 for investigative journalism _____ **Nitin Sethi**.
Note:
- The awards ceremony was conducted online due to the ongoing COVID-19 pandemic.
 - Sethi won in the investigative journalism category for his six-part series titled "Paisa Politics" published by The Huffington Post India.
4. Who has won the Asian College of Journalism's award 2019 the K P Narayana Kumar Memorial Award for social impact journalism _____ **Shiv Sahay Singh**.
Note:
- He won the inaugural social impact journalism award for his story titled "Death by digital exclusion: On faculty public distribution system in Jharkhand" published in The Hindu.
5. Who is the only Indian actor to be listed among the top 10 world's highest-paid actors of 2020 _____ **Akshay Kumar**.
Note:
- Akshay is placed at sixth place in the list. Most of his income came from product endorsements.
 - The list takes into account the earnings between June 1, 2019, and June 1, 2020.
 - The list has been topped by Wrestler-turned-movie star Dwayne Johnson, for a second straight year, with the total earning of \$87.5 million. Johnson is also known by his ring name The Rock.

Sports News

1. Name the Indian umpire who has been included in ICC's international panel of umpires _____ **Ananthapadmanabhan**.
Note:
- Ananthapadmanabhan played 105 First-Class and 54 List A matches for Kerala, taking 344 and 87 wickets respectively.
 - Ananthapadmanabhan has officiated in all major domestic events including the IPL.
2. Which of the following company will be the official sponsor for Indian team for the rescheduled Tokyo Olympic _____ **INOX**.
Note:
- The Tokyo Olympics was rescheduled to next year due to the COVID-19 pandemic. It will be held from July 23 to August 8 in 2021.
 - As part of the partnership the Group will also support team's promotions through its entertainment company -- INOX Leisure Limited, which owns a chain of multiplexes in the country.
3. "Fit India Freedom Run" would be organised by the Ministry of Youth Affairs and Sports from _____ **15th August to 02nd October 2020**.
Note:
- The ministry is organising "Fit India Freedom Run" to mark the 74th Independence Day of India on August 15 to 151st birth anniversary of Mahatma Gandhi on October 2.
 - This would be the largest country-wide run, targeted to encourage fitness among the masses while following the COVID-19 protocols.
4. Who has won the 70th Anniversary Grand Prix _____ **Max Verstappen**.
Note:
- His victory ended Mercedes dominant Formula 1 season
 - 70th Anniversary Grand Prix 2020 was the 5th race of 2020 Formula 1 season and was held at Silverstone, United Kingdom
5. Which country will host the ICC Men's T20 World cup 2021 _____ **India**.
Note:
- While the ICC Men's T20 World Cup 2020 that was postponed due to Covid-19 will be held in Australia in 2022.
 - Cricket's governing body has also decided to postpone the ICC Women's Cricket World Cup 2021 in New Zealand till February – March 2022 because of the impact the Covid-19 pandemic has had on cricket globally.

Books and Authors

1. The book titled 'Connecting, Communicating, Changing' has been released by Union Minister for Information and Broadcasting, Prakash Javadekar that chronicles years of office of who among the following _____ **M Venkaiah Naidu.**

Note:

- This book is regarding the years spent by the Vice President M Venkaiah Naidu in office. The first copy of the book has been provided to the Vice President only.
- The e-version of the book has been launched by the Union Minister Prakash Javadekar.

2. Who has authored the book titled "Our Only Home: A Climate Appeal to the World" _____ **Dalai Lama.**

Note:

- The Dalai Lama in the book calls on political decision-makers to fight against deadlock and ignorance on the issue of climate change and to stand up for a different, more climate-friendly world and for the younger generation to assert their right to regain its future.
- It follows his 2019 publication dedicated to children, "The Seed of Compassion: Lessons from the Life and Teachings of His Holiness the Dalai Lama", his autobiography and a book on philosophy.

Science and Defence

1. India will take part in the multilateral military "Kavkaz 2020" hosted by which country _____ **Russia.**

Note:

- The Indian contingent includes 150 Army personnel and a smaller number of personnel from the Navy and Air Force.
- The invitation for participation to Kavkaz 2020, also referred to as Caucasus-2020, has been extended to at least 18 countries including China, Iran, Pakistan and Turkey, apart from other Central Asian Republics part of the SCO.

2. Which Indian Institute of Technology has developed nanoparticles 'meta-grid' of metamaterial grid' in association with Imperial College London, United Kingdom _____ **IIT Guwahati.**

Note:

- It was jointly developed by Dr. Debabrata Chikraborty, assistant professor at IIT Guwahati along with Prof. Sir John B. Pendry and Prof. Alexei A. Korneyev from Imperial College London.
- Meta-grid is a specifically patterned array of nanoparticles acting as metamaterials and it is capable of exhibiting extraordinary optical properties.

3. Serum Institute of India (SII) Private Limited has entered into a partnership with International Vaccine Alliance, Gavi and which foundation to Accelerate the manufacture and delivery of COVID-19 vaccines for India _____ **Bill and Melinda Gates Foundation.**

Note:

- This is as a part of the Gavi COVAX Advance Market Commitment (AMC), a mechanism within the COVAX Facility.
- The vaccines will be made available to the 92 countries included in Gavi's COVAX AMC. SII has set a ceiling price of USD 3 per dose.
- The Bill & Melinda Gates Foundation, through its strategic investment fund, will provide at-risk funding of USD 150 million to GAVI.

4. The Ministry of Defence has announced to ban import of how many weapon systems and platforms from abroad to boost "Atmanirbhar Bharat" _____ **101.**

Note:

- The government has prepared a list 101 items on which there would be an embargo on import to give a push to Prime Minister Narendra Modi's Atmanirbhar Bharat Abhiyan" (Self Reliant India Movement).
- It is estimated that contracts worth almost Rs 4 Lakh crore will be placed upon the domestic industry within the next six to seven years.