



India's First Unmanned Car

Why In News?

- According to media information received on November 25, 2022, B.Tech students of **Motilal Nehru National Institute of Technology (MNNIT)** located in Prayagraj, Uttar Pradesh, have made **India's first unmanned car**. After the successful phase-I test, Microsoft Asia president **Ahmed Mazhari** will have its first demo on November 27.

Key Points

- Rajesh Kumar, superintending engineer of 1995 batch of MNNIT, said that the first phase of the project of the first unmanned car running without a driver has been completed after two years of tireless hard work. On an experimental basis, the system of this car has been fitted in the golf cart. After the success of coding and programming, this car has been launched to run directly on any road.
- Cameras have been installed in the front and back of this car, so that this car will be able to run automatically on the road without any human driver. The car will see any car coming from the front, man, crowd, animal or pit, cutting everything and if there is any kind of obstruction, it will automatically stop by applying brakes.
- Apart from this, with the removal of the barrier, this unmanned car will also leave for its destination. She will be able to understand all the causes of road accidents. At present, this car will be able to run on the straight path.
- After a month, when the second phase is completed, she will be able to walk on any bend or winding path as well as turn back and forth. After this, based on coding, this car will be able to reach any location without any driver.
- A total of 19 second-year, third-year and final-year students, including BTech student Vibhanshu, have teamed up to prepare this car.
- Apart from Rohit Garg, Vice President of RRD Go Creative, a 1995 batch alumnus of MNNIT, Rajesh Kumar, posted as Superintending Engineer, Ministry of Road and Transport, New Delhi, has guided and funded the construction of this unmanned car. Seven lakh rupees have been spent on the construction of this car.