Geo Fencing System

Why In News?

- On December 14, 2022, Uttarakhand's Higher Education and Information Technology Secretary Shailesh Bagoli said that **geo-fencing attendance system** will be implemented to ensure access of teachers and students to degree colleges in remote mountainous areas of the state. In future, this system will be implemented in the entire state.

Key Points

- Secretary Shailesh Bagoli said that it is being started as a pilot project in some colleges of the state. **Monitoring will be easier with geo-fencing attendance.** If the pilot is successful, it will be implemented across the state.
- It is known that earlier the Transport Corporation has implemented it at all its bus stands, under which geo-fencing of the bus stand has been done.
- In fact, there are degree colleges in all the inaccessible areas of the state, where the attendance figures of teachers and students are very low. A few days a month, teachers complete their attendance. To solve this problem, preparations have been started to implement geo-fencing attendance system.
- The Department of Higher Education is going to work in this direction in collaboration with the Department of Information Technology. Under this, any teacher or student who enters the college campus will be present from his mobile. For this, it is necessary to come under the purview of mobile geo-fencing.
- When a student or teacher enters the campus with their mobile, they will have to open the attendance app downloaded in it. This app will work only within the college i.e. within the geo-fencing scope. After opening this app, an OTP will come on their registered mobile number. Attendance will be available only when it is fed and as soon as students, teachers leave that campus, their records will be automatically updated.
- It is noteworthy that geo-fencing is a satellite-based system, in which geo-fencing of a particular area is made. Whichever device comes in this scope, it will come on record. Only when it comes under geo-fencing will the mobile app that is related to it work.

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