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Global positioning system, components and its functions

LECTURE 10



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10.1 Definition

- **Global Positioning System (GPS)** is a satellite based navigation system consisting of more than 20 satellites and several supporting ground facilities, which provide accurate, three dimensional position, velocity and time, 24 hours a day, everywhere in the world and in all weather conditions



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10.2 Components of GPS

- GPS Ground control stations
- GPS satellites
- GPS receivers



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10.3 Functions of GPS

- Giving a location
- Point to point navigation
- Route navigation
- Keep a Track



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THANK YOU