

Radio Technologies

CC- 102, Unit - 3

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 Digital Audio Broadcasting(DAB)

 Satellite Radio

 Visual Radio

 Radio on Internet

Digital Audio Broadcasting(DAB)

- 📡 In India introduced - mid 1990s.
- 📡 European project-Eureka-147
- 📡 First launched in 1995 in London by BBC
- 📡 In DAB, sound is transmitted as a computer code rather than analogous wave.
- 📡 DAB may also carry multimedia services(text, graphics, pictures and moving video)
- 📡 Can be Used for transmit traffic information and others purpose

Satellite Radio

- 📡 WorldSpace, Sirius and XM
- 📡 In India- WorldSpace (Hd-Washington, founded by Noah A. Samara in 1990)
- 📡 WorldSpace was free-to-air when it was launched in 2000 but since then has become a pay service, offering over 40 radio channels in Indian language.
- 📡 SR requires special radio receivers and subscription to service provider(costly)

Visual Radio

- 📡 Convergent technology(Radio+ Mobile)
- 📡 In Visual Radio, as the name suggest you can see what's playing on the phone like song name, artist biography or picture of the artist e.t.c.
- 📡 In visual radio enabled FM channel you can switch interactive service on or off whenever you wanted.
- 📡 Value added service provides rich textual and visual information, where in mobile Radio provide access only to FM radio programmes.

Radio on Internet

- 📡 Most public and commercial radio station transmit their programmes on the internet.
- 📡 FM channels have active presence on the Net and have their own social networking sites.
- 📡 Radio city – www.planetradiocity.com
- 📡 Apple iTune radio
- 📡 Several radio station have developed their own App



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