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**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES
TIRUVALLA (MACFAST)
Thiruvalla - 689101**

WORLD RADIO DAY

World radio day special programmes: -

1. Special out door programme by RJ Sumesh, RJ Kalyani, Sound engineer Shinu. (13/02/2018)

Content: Experience sharing from the public. Impact of radio, Feedback collection

Duration: Part 01- 16 Mnts 10 Sec
Part 2 – 5 Mnts 37 Sec

Listeners Representatives:

- a) Prof: T. G Purushothaman Nair, Podiyadi (Retd. Principal, B.Ed College Thattackadu, Retd. Professor, N.S.S College, Changanacherry)
- b) P.N Narayana Pillai (Swami, 86 Years old) (Owner of Padmavilasam Hotel, Market Jn. Thiruvalla)
- c) Aliyammachi (88 Years)
- d) Rathnamma (Auto Driver)

2. *RADIO 'INNALE INNU' Which means Radio yesterday, today.* (13/02/2020)

Content: Radio invention, growth, and history & current status of radio

Duration: 9 Mnts 50 Sec

The early **history of radio** is the history of technology that produces and uses radio instruments that use radio waves. Within the timeline of radio, many people contributed theory and inventions in what became radio. Radio development began as "wireless telegraphy". Later radio history increasingly involves matters of broadcasting. The idea of wireless communication predates the discovery of "radio" with experiments in

"wireless telegraphy" via inductive and capacitive induction and transmission through the ground, water, and even train tracks from the 1830s on. James Clerk Maxwell showed in theoretical and mathematical form in 1864 that electromagnetic waves could propagate through free space. It is likely that the first intentional transmission of a signal by means of electromagnetic waves was performed in an experiment by David Edward Hughes around 1880, although this was considered to be induction at the time. In 1888 Heinrich Rudolf Hertz was able to conclusively prove transmitted airborne electromagnetic waves in an experiment confirming Maxwell's theory of electromagnetism. Over several years starting in 1894 the Italian inventor Guglielmo Marconi built the first engineering complete, commercially successful wireless telegraphy system based on airborne Hertzian waves. **All India Radio (AIR)**, officially known since 1957 as **Akashvani** (literary meaning "Voice from the Sky"), is the national public radio broadcaster of India and is a division of Prasar Bharati. It was established in 1936. Radio MACFAST (90.4 FM) is a Community Radio Service (CRS) licensed by the Union Ministry of Information & Broadcasting, New Delhi