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shared on 28th April  
during his custodial  
at Ahmedabad

From: Bhargav Thakkar  
Member,  
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To: Mr. S R Joshi  
Chairperson,  
C & PC – Science Channel

**Through Mr. S K Subramanya, Chairperson Core Group – Science Channel**

Sir,

I wish to share few suggestions regarding the fixed-point chart. Before doing so, I suggest “*Aavishkar*” as a probable name for the Science Channel. As for the transmission is concerned, based on the daily routine of the audience from morning when he/she wakes up and till the time he/she retires, a four hour band is proposed.

This means that if the transmission begins for example at six in the morning, then till 10 am programmes related to the common human activities could be transmitted. For example, a bulletin regarding the exact time of Sunrise may be followed by a programme that explains the science by which this could be determined and endeavour of various scientists at deducing the right time, the traditional India time-keeping methodology (Jantar-Mantar), and the various aspects to time-keeping. Similarly a bulletin on today’s temperature could follow with a programme on the science behind it, or evolution of YOGA and science of it.

The second band would begin from 10 am till 2 pm. This would be a segment for people who stay at home like homemakers and senior citizens. The programmes for this band would be such that would appeal to this group. For example how a cooking gas, pressure cooker or microwave oven works, how to administer first aid, importance of cleanliness and sanitation not just in the homes but in all our surroundings or ‘window to world’ kind of programmes could be transmitted.

In the next band between 2 pm to 4 pm, reruns of programmes could be transmitted. While from 4 pm to 6 pm programmes for young children like on Toys, informal additional information to what already exists in the text books or entertaining programmes could be transmitted.

In the last band from 6 pm to 10 pm, the first hour, when most of the office goers come back home, a programme on less taxing topic like the science behind any sports could be transmitted. For example a programme explaining that in cricket when a bowler delivers an in-swing or a reverse swing what are the factors that contribute to that particular effect. Or a programme explaining the musical notation of an instrument.

The next half an hour from 7 pm to 7.30 pm would be dedicated to "Science behind News". The concept of the programme is to explain the existing science behind every news value information. Like for example the occurrences of railway or road mishaps, launch of the satellites or technology behind the operation of mobile phones.

The time period from 7.30 to 10.00 pm could be meant for professionals like engineers, lawyers, doctors, IT specialists, etc. During this chunk, from 8 pm to 9 pm programmes based on text – books meant for school-going children could also be transmitted.

The transmission after 10 pm till 1 am could be with programmes on the Universe and on astronomy, where we could tell the viewers to exactly look at the night sky and locate any particular constellation. While from 1 am to 6 am, the transmission could continue with the reruns of some of the better/popular programmes. This completes the circle of 24 – hour transmission.

**Bhargav Thakkar**  
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