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Jawaharlal Nehru Planetarium
Bengaluru

¨Á£ÀAUÀ¼ÀzÀ ¨Á t©gÀÄ¸ÀÄ

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¨ÀÆ«Ä DPÁ±ÀUÀ¼ÀÄ JA¢UÀÆ §zÀ¯ÁUÀÄªÀÅ¢®ªÉÃ£ÉÆÃ JA§AvÉ vÉÆÃgÀÄvÀªÉ. DzÀgÉ F jÃwAiÀÄ vÉÆÃj PÉAiÀÄÄ «±ÀzÀ ºÀ®ªÁgÀÄ §UÉAiÀÄ ¨ÉgÀUÀÄUÉÆ½¸ÀÄªÀ ZÀlÄªÀnPÉUÀ¼À ªÉÄÃ¯É ¥ÀgÀzÉ J¼É¢gÀÄªÀÅzÀAvÀÆ RavÀ. D ¨ÉgÀUÀ£ÀÄß C£ÁªÀgÀ t UÉÆ½¸ÀÄªÀAvÀºÀ ¥ÀAiÀÄvÀßªÉÃ F ¥ÀzÀ±ÀðÉÀ. ¨ÀÆªÁvÁªÀgÀ t zÀ° G jzÀÄºÉÆÃUÀÄªÀ G¯ÉUÀ¼ÀÄ, ºÁUÉ ¸ÀA¥ÀÆ t ðªÁV G jAiÀÄzÉ ¨ÀÆ«ÄAiÀÄ£ÀßÀ¥À½¹ PÀAzÀPÀUÀ¼Ä£ÀÄß GAlÄªÀiÁqÀÄªÀ G¯Á²¯ÉUÀ¼ÀÄ «gÀ¼ÀªÉA§ÄzÀÄ JµÀÄ ¤dªÉÇÃ CªÀÅ ¸ÁzÁgÀ t ªÁV d£ÀgÀ UÀªÀÄ£ÀPÉ §gÀÄªÀÅ¢®ªÉA§ÄzÀÆ CµÉÃ ¤d. DzÀgÉ, EªÀUÀ¼Ä£ÀÄß UÀªÀÄ¤¹zÀªÀgÀ° EªÀUÀ¼À §UÉ ºÉZÀÄ w½AiÀÄÄªÀ PÀÄvÀÆºÀ® ªÀÄÆqÀÄªÀÅzÀÆ RavÀ. ºÀ®ªÁgÀÄ §UÉAiÀÄ D¸ÉÆÃl «¸ÉÆÃlUÀ¼Ä£ÀÄß F PÁAiÀÄðPÀªÀÄzÀ° PÁt §ºÀÄzÀÄ. £ÀPÀvÀªÉÇAzÀÄ vÀ£ÀßfÃ«vÁªÀ¢AiÀÄ PÉÆ£ÉAiÀÄ ºÀAvÀUÀ¼À° CzÀgÀ zÀªÀågÁ² ªÀÄvÀÄ wgÀÄ½£À zÀªÀågÁ²AiÀÄ£ÀÄß DzÀj¹ ±ÉÃvÀ PÀÄ§ªÁUÀÄªÀÅzÉÆÃ, ¸ÀÆ¥Àgï£ÉÆÃªÁ ºÀAvÀ vÀ®Ä¥ÀÄªÀÅzÉÆÃ, £ÀÆåmÁ£ï £ÀPÀvÀªÁUÀÄªÀÅzÉÆÃ, ¥À¯Ágï DUÀÄªÀÅzÉÆÃ CxÀªÁ PÀ¥ÀÄ PÀÄ½AiÀÄÁUÀÄªÀÅzÉÆÃ JA§ÄzÀ£ÀÄß GvÀªÀÄ gÉ¸ÉÆ®ÆåµÀ£ï ºÉÆA¢gÀÄªÀ rflï avÀUÀ¼ÀÄ ºÁUÀÆ zÀÈ±Åªà½UÀ¼À ªÀÄÆ®PÀ «ªÀj¸À¯ÁUÀÄªÀÅzÀÄ. 2016 gÀ° ¥ÀvÉAiÀÄÁzÀ UÀÄgÀÄvÀzÀ C¯ÉUÀ¼ÀÄ ªÀÄvÀÄ D ±ÉÃzÀzÀ° ¨ÁgÀwÃAiÀÄ «eÁ¤UÀ¼À ªÀÄºÀvÀzÀ PÉÆqÀÄUÉAiÀÄ£ÀÄß F PÁAiÀÄðPÀªÀÄzÀ° ZÀð¸À¯ÁVzÉ. ¸ÀªÀÄ¸À «±ÀªÀ£ÉßÃ ¸ÀÈ¶¹zÀ Cw ªÀÄºÀvÀzÀ ¨Á£ÀAUÀ¼ÀzÀ ¨Á t©gÀÄ¸ÉAzÀgÉ CzÀÄªÉÃ ªÀÄºÁ¸ÉÆÃl ‘©Uï ¨ÁåAUï’. F PÁAiÀÄðPÀªÀÄzÀ° ©Uï¨ÁåAUï£À PÀÄjvÀÆ ZÀð¸À¯ÁVzÉ.

¸ÀÄªÀiÁgÀÄ 40 ¤«ÄµÀUÀ¼À F ¥ÀzÀ±ÀðÉÀªÀÅ CPÉÆÃ§gï 22, 2019 jAzÀ PÀ£ÀßqÀ ªÀÄvÀÄ DAUÀ ¨ÁµÉUÀ¼À° ®¨Åå«gÀÄvÀzÉ.

CELESTIAL FIREWORKS

Synopsis:

The earth and the sky appear to be quite unchanging. The programme reveals that the quiet, however, is a wonderful mask that covers a wide range of violent activities that the universe harbours Meteors burning up and meteorites creating craters on the earth, howsoever infrequent, often go unnoticed but with a curiosity to learn more about them. This programme deals with a variety of astronomical explosions and implosions that punctuate the quiet existence! Different final stages in the life cycle of stars that are dictated by stars as well as core mass such as white dwarf stage, formation of Supernovae, Neutron stars, pulsars and ultimately Black Holes are discussed in detail with very high resolution digital images and videos. Gravitational waves that were directly detected in 2016 for which the Indian scientific community has contributed significantly, is highlighted in the programme. Of course, the ultimate celestial firework that launched the cosmos, namely, the Big Bang is also presented in the programme.

The programme spans about 40 minutes and the shows will be open to the public in English at 4.30 pm and Kannada at 3.30pm from October 22, 2019.