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Title: Request to government for an intelligent elephant surveillance and tracking system to avoid intrusion of elephants into human habitations in Thalli and Shoolagiri talukas of Krishnagiri district.

DR. A. CHELLAKUMAR (KRISHNAGIRI): Hon. Speaker, Sir, I take this opportunity to draw the attention of the Government to the increasing problem of intrusion of elephants into human habitats in Thalli and Shoolagiri talukas of Krishnagiri district. It is high time to have a strategy with environmental factors and human factors to eliminate the intrusion of wild animals. The enormous increase in human population propelled by the agricultural and industrial growth has led to the conversion of forest land into human settlements. Due to this, the wild elephant and other animals face acute shortage of resources, such as water and food, forcing them to often move into the human habitats. In addition, using the man-made devices like detonators for wild retaliation is resulting into crop damage, human injuries and human casualties. Some precautionary measures like fencing are only temporary solutions and there is a need to design a wireless sensor network-based system for elephant intrusion. It will access a base station, collect the information from different sensors and the message collected can be automatically transmitted to the forest officials to avoid the intrusion of elephants. Therefore, there is a need for such an intelligent elephant surveillance and tracking system. I request the Government to initiate suitable measures to bring down the casualty of lives and other potential damages.