

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341043083 A

(19) INDIA

(22) Date of filing of Application :27/06/2023

(43) Publication Date : 01/09/2023

(54) Title of the invention : A MACHINE LEARNING BASED SYSTEM TO OPTIMIZED CLUSTER HEAD SELECTION IN WIRELESS SENSOR NETWORKS AND METHOD THEREOF

(51) International classification :H04W0084180000, H04W0052020000, H04W0040320000, G06N0020000000, H04W0040100000

(86) International Application No :PCT//
Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to :NA
Application Number :NA
Filing Date

(62) Divisional to :NA
Application Number :NA
Filing Date

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(57) Abstract :

[055] The present invention discloses a machine learning based system to optimized cluster head selection in wireless sensor networks and method thereof. In the present invention, the system comprises an Energy focussed protocol designed in which initially the nodes are divided into clusters and for each cluster, a cluster head shall get selected. Thereafter data has been transmitted between various nodes to base station and the energy consumption is computed. In this paper, Clustering is done using various machine learning algorithms and the energy consumption results are compared. Accompanied Drawing [FIGS. 1-7]

No. of Pages : 29 No. of Claims : 2