

## STUDY ON DATA COMMUNICATION THROUGH HUMAN BODY

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### ABSTRACT

Human body can be proved a better communication medium for near field communication where transmitter and receiver are in close proximity. Human body can be represented with an electrical circuit because tissues are made of cells and human body consists of cells. In human body there is presence of iron, calcium etc. which are conductive in nature so as the current is passed through the body so the signal also can be transmitted through the body. This paper describes the model of human networking technology that enables communication by touching. Data from one device to another is transferred through a soft-ware via Bluetooth model to circuitry. From circuit data reaches to metal pad and via body it is transferred to another device.

**KEYWORDS:** Body Area Network, Communication, Human Body, Intra body Communication, Near Field Communication, Wireless Communication