



**International Conference on Latest Trends in Engineering,
Management, Humanities, Science & Technology (ICLTEMHST -2022)
27th November, 2022, Guwahati, Assam, India.**

CERTIFICATE NO : ICLTEMHST /2022/C1122930

IMPACT OF MOBILE PHONE ON HUMAN HEALTH

GAUTHAM K VIJAYAN

Research Scholar, Department of Psychology,
Mansarovar Global University, Bilkisganj, Madhya Pradesh.

ABSTRACT

This is because mobile phones eliminate the need for a physical cable or wire to transmit data, making them ideal for usage in public places. They need electromagnetic radiation for wirelessly receiving and sending information (including, but not limited to, network and audio data). Since this form of radiation is ubiquitous and imperceptible, it is clear that the usage of mobile phones causes health problems. These rays can also enter the body and have deleterious effects on the DNA and cellular structure there. Mobile phone networks use on a wide variety of radiated technologies, each with its own frequency and wavelength (often between 3 kHz and 300 GHz). Multiple mobile phone equipment, including cell phones, wireless routers, tablet PCs, cell phone towers, wireless headsets, Bluetooth gadgets, audio players, and laptops, can all be found in a single home (Wi-Fi). Asthma, heart problems, sleeplessness, high blood pressure, leukaemia, birth abnormalities, immune system impairment, rheumatoid arthritis, and Parkinson's disease are only some of the ailments that may be exacerbated by the radiations emitted by these devices. This survey-based study deconstructs the link between DNA damage and exposure to the electromagnetic radiation emitted by mobile phones during the sending and receiving of data. Symptoms like headaches, disturbed sleep, and exhaustion are just the tip of the iceberg. The study is directed with the aid of physicians with the use of survey questionnaire; this survey comprises some of the disorders which are generated by these radiations like male infertility, brain tumour and the ear hearing impairment.