

**Proceedings of the 11th Interdisciplinary
International Symposium on**

**Energy, Environment, Health and Visual
Communication
(INFOFEST 2021)**

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International Symposium on
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Communication
(INFOFEST 2021)**

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A Review On Hazard Of Mobile Radiation In Human Body

Shadiya K¹ and Abdul Rasheed²

Department of Electronics, W.M.O.College, Muttil, Wayanad, Pin-673122

Email: shadiyak825@gmail.com, rasheed.mailady@gmail.com

Abstract—The number of cell phone users continues to rise as technology and affordability improve. With increased mobile phone use, market competitiveness, and new technological capabilities, the number of base stations required rises. Microwave frequencies employed in mobile communication produce thermal and non-thermal impacts, as well as having a deleterious impact on biological systems. The usage of microwave frequencies in communication produces thermal and electrical problems. It has non-thermal effects and has a deleterious impact on the biological system. The Electro Magnetic Radiation radiated by base station mobile antennas and user mobile handsets affect the cell structure of living beings. Continuous and long-term exposure to this radiation can harm a person's biological system over time. As it interacts with matter and sends wave energy into the medium, Electro Magnetic Radiation is absorbed. The amount of Radio Frequency -Electro Magnetic Wave energy absorbed by human tissue is determined by the frequency, intensity, polarisation, and exposure length. The Electro Magnetic Radiation has also been identified as a leading cause of cancer. According to studies, people who live near mobile phone base stations experience nonspecific symptoms of illness such as headaches and sleep difficulties. This review paper gives ideas about the effect of Mobile Radiation in Human body.