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In The Light of The Dark Matter SUNIL THAKUR — Recent successful mapping of dark matter has clearly brought out some important facts about the dark matter and raises several important questions but a careful analysis also allows us to resolve numerous unresolved issues of physics. We need to explain how the expansion of universe affects distribution of dark matter and dark energy. All the experiments have shown that predictions of Newton's law of gravitation and theory of relativity hold good even though these theories do not take presence of dark matter and dark energy into account. We need to resolve this anomaly. This paper suggests that dark matter constitutes Higgs Field. Difference in the age of the dark matter suggest that universe was not created with 96% of the imperceptible matter or in other words universe was not created with just 4% perceptible matter. Only mechanism through which we can resolve this issue is by conversion of perceptible matter into imperceptible matter. Energy absorbed by the Higgs field gets converted to Higgs particles resulting in its expansion. Expanse of the Higgs field is the expanse of our universe. Almost homogenous distribution of Higgs field cancels the gravitational pull exerted by it except in the regions where Higgs field gets distorted due to presence of substance and energy as theorized by the Einstein. This theory resolves some long-standing unresolved issues like loss of energy, wave-particle duality, expansion of universe, and unification of four fundamental forces.

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