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PRELUDE

to

the first edition of original volume

O D said "Be" and it became. This is how one very old story runs about the creation of our Universe. And, the Benevolent Father said unto human being, "Look ye oh man! I have also created land, water, air, fire and many other bounties for you. See that you use them properly."

Time passed and more of it passed when man in some parts of world found that only rainfall was either insufficient or unreliable for the successful growth of crops and other plant life required for his use. This problem worried him and made him think. He carried this thought with him day in and day out. The ancient man was ardent lover and admirer of the beauties of Nature. One fine morning, he went to river-side to come in closer contact with Infinite Source. There, he enjoyed morning breeze, nightingale's sweet song, rhythmic sound of the gliding stream, tall tall trees, green mantle of grass on the ground,........; all this set him musing. The bright Sun came up, crossed the Zenith but the man was yet musing. And, in a flash, came the voice of his Father, "Look ye oh man! I have also created land, water,........ See that you use them properly."

The problem was solved the next moment. Man thought of utilizing the water of rivers. In the beginning, he adopted crude methods to bring water from river on-to agricultural land near river. Thus started Irrigation Engineering and, this day, it is at a fairly well-developed stage. Indeed, food is the basic need of man and as long as man has to satisfy his hunger, Irrigation Works shall exist and Irrigation Engineering shall develop day by day.
THE FUNDAMENTAL PRINCIPLES OF IRRIGATION ENGINEERING