A REVISIT ON SOLAR CELL: GENERATION OF ELECTRICITY BY HARVESTING SUNLIGHT

D. GHOSH^{1,3}, K. BISWAS^{1,3}, S. BALAJI^{1,3}, PARTHA PRATIM DAS,^{2,3}
P. SUJATHA DEVI^{2,3} AND K. ANNAPURNA^{1,3}

In the present day knowledge based society, Science transforms the Culture. This can be witnessed through the contemporary rationalized society that aroused with the advancement of science. Such revolutionised change leading to very fast modern-day walks of life can essentially be credited to the progression in light based technologies. However, in order to meet the continuously mounting demand for energy in this developed world, one has to look for the renewable energy resources and among all such resources most abundant one is the sunlight. In this context, an attempt has been made here to report a brief review on the development of solar cell, the simplest device that converts sunlight to electricity. Further, this article also presents the contributions of CSIR-CGCRI in this field.

VOL.81, NOS.11–12