The preparation of solar energy cells using natural plant dye photo systems

Recently, silicon based solar cells have high efficiency yet an expensive price; however, dye sensitized cell is less expensive. In this study, natural extract dye was employed for plant solution; here, testing strength was performed by chrono potentiometric parameters such as potential from -20 V initial, 20 V final scan, oxidation and reduction scan, scan reaction rate and other strengths were examined, Here, adsorption from solar energy accumulation stability was tested (despite this small efficiency), which can demonstrate the effective use for solar energy cell structure. Moreover, here solar sensing parameters were examined, of which final results can be applied to spectro photo analysis and detection techniques.