Literature Survey - Jyothi BR

[1] Alaa Husain, WZ Wan Hazan, Suhaide Shafie, Mohd Nizar Hamidon, Shyam S Pandey –“A review of transparent solar photovoltaic cells”- July 2018(Reference Paper).

[1] “A review of transparent solar photovoltaic cells”- With the use of perovskite solar cells the transparency level of the semi-transparent solar panel can be increased which makes the radiations from the solar travel more number of layers and so there is a loss of radiations leads to loss of energy production.

[2] R. R. Lunt and V. Bulovic. “Transparent, near-infrared organic photovoltaic solar cells for window and energy-scavenging applications”. Applied Physics Letters-2011(Reference Paper).

[2] “Transparent, near-infrared organic photovoltaic solar cells for window and energy-scavenging applications”- Hereby using organic photovoltaic solar cells the energy for more electronic products such as mobiles, laptops, tablets, and much more gadgets can be made charged efficiently but the comparing this reference with my paper the efficiency is differing as they use organic photovoltaic cells for the absorption of solar power. Here I used to use the transparent solar panel which is composed of a TLSC-transparent luminescent solar component and so the efficiency is very high.

[3] C. J. Traverse, R. Pandey, M. C. Barr, and R. R. Lunt. “Emergence of highly transparent photovoltaics for distributed applications“NatureEnergy-2017(Reference Paper).

[3] “Emergence of highly transparent photovoltaics for distributed applications” Nature Energy- In this, there is a contrast with my paper is the transparency in the solar light that enters through. While using the above function or method the transparency of light is 100 percent that is entered through.