

Did you know that reading under a light bulb in darkness is a luxury for **940 million** people in the world? <sup>1</sup>



For meeting some energy needs of people not connected reliably to the electric grid and living in remote areas, help us build a portable, battery free, low-cost power generator.

## DESIGN CHALLENGE -2022

### PORTABLE, BATTERY FREE POWER SOURCE

Submit your design ideas to DIC@IUST by 30<sup>th</sup> January 2022\*. Best three ideas will get funding, facilitation & prize money.

**1st prize:** Rs.10,000  
**2nd prize:** Rs.6,000  
**3rd prize:** Rs.4,000

**DESIGN INNOVATION CENTRE,  
2<sup>nd</sup> Floor, Academic Block IV,  
Islamic University of Science & Technology,  
Awantipora, Pulwama, J&K-192122**

Minimum Specifications:

Energy Storage: 2 Kilo Joules

Output Voltage: 5 Volts DC

Output Current: 1 Ampere DC

<sup>1</sup> World Bank, Sustainable Energy for All (SE4ALL). Survey 2016  
\*Ideas can be emailed to [dic@islamicuniversity.edu.in](mailto:dic@islamicuniversity.edu.in)

**For Further Information,  
Contact us: +91-7889419668**