

Challenge #3: Design a 'made-for-India' multi-utility light

Most portable lights that exist today are incremental innovations on the good-old torch or lantern, designed using concepts borrowed from the western countries.

Design a futuristic, 'Swiss army knife' equivalent of a light, keeping in mind the unique needs of people across India.

Though it's called a light, the design should integrate multiple cross-functions, with no one utility given more importance over the others.

Basic requirements

Multi-utility device: The solution should serve many diverse purposes. Can it filter water? Can it have a USB port to charge mobile phones on the go? Can it have a feature that of a mosquito repellent? These are just thought starters.

Efficient design: The design should be efficient as well as elegant.

Future-proof technology: The solution should use the state-of-the-art technology, but at the same time should solve real problems.

Great user experience: The solution should be very easy to use for people across India.

The solution needs to be:

- Scalable (easily replicable across India)
- Affordable (by using easily available materials)
- Easy to maintain

If you have any queries or need clarifications about the problem statement, please send an email to info@navachar.in